Quantitation Report (Qedit)

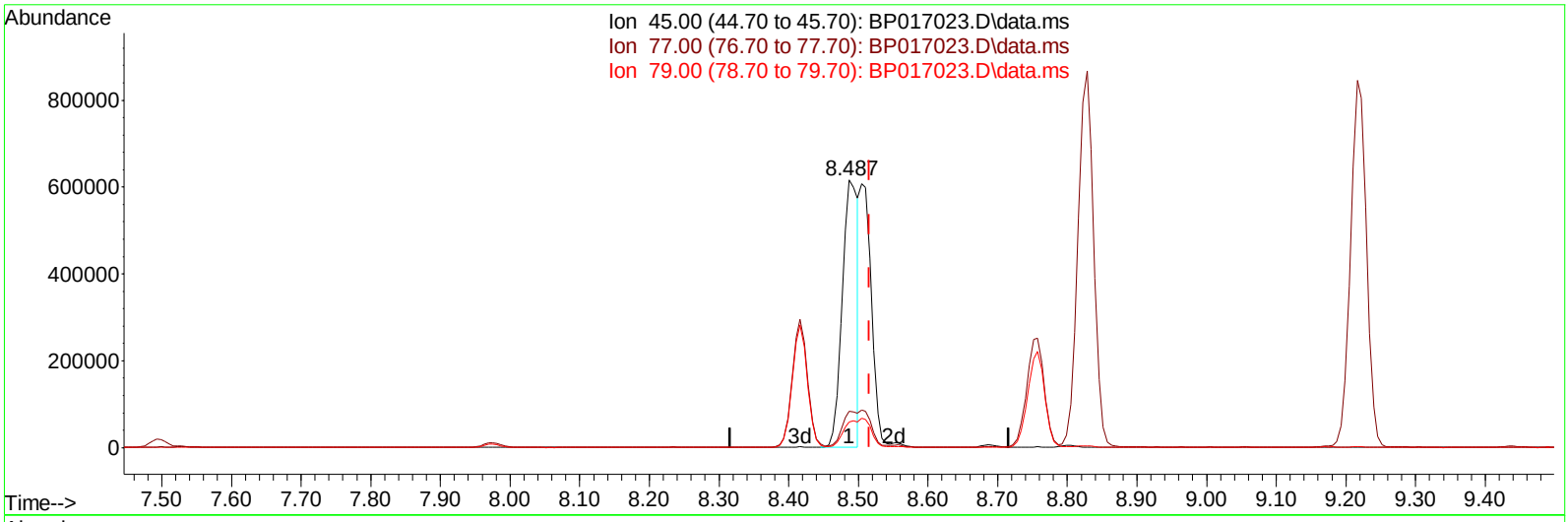
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
Data File : BP017023.D
Acq On : 08 Sep 2023 21:24
Operator : MA/JU
Sample : PB155065BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

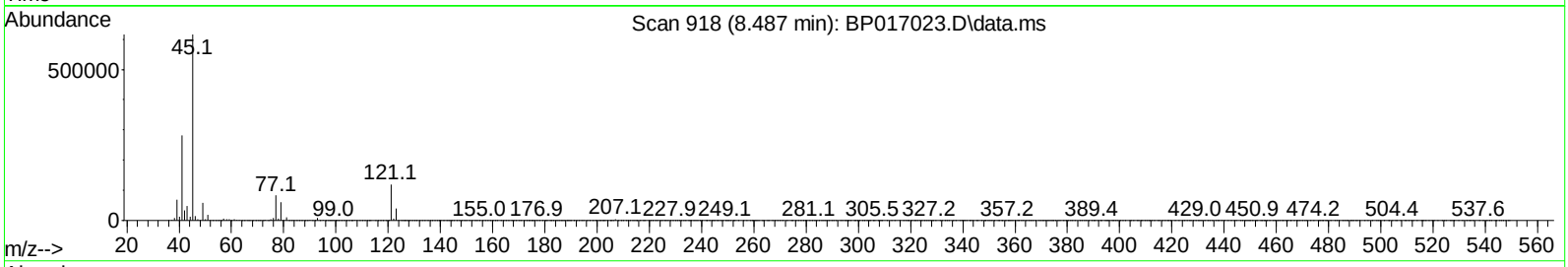
Quant Time: Sep 09 00:46:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 01:52:05 2023
Response via : Initial Calibration

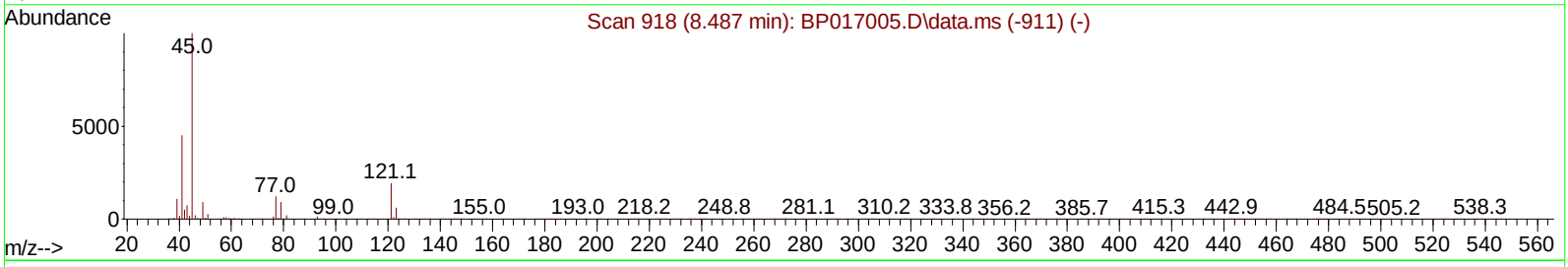
Instrument :
BNA_P
ClientSampleId :
SLCS065

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023







TIC: BP017023.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.487min (-0.029) 21.32 ng/ul

response 964251

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.48
79.00	11.20	9.68
0.00	0.00	0.00

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Misc :
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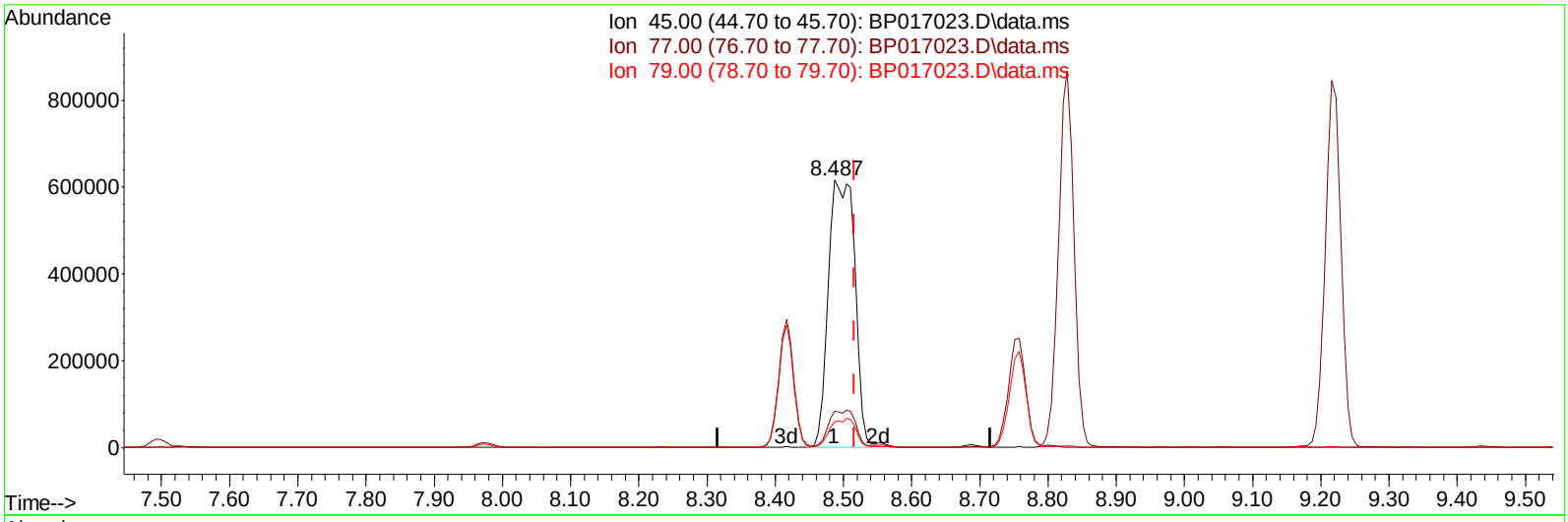

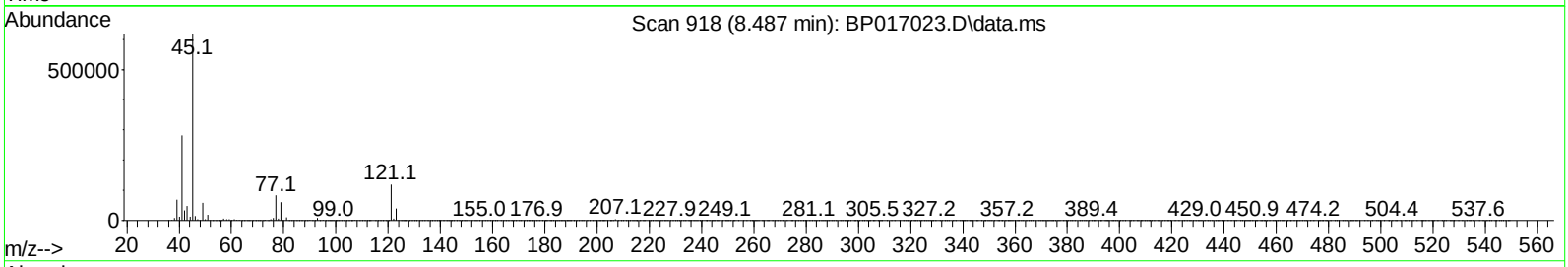

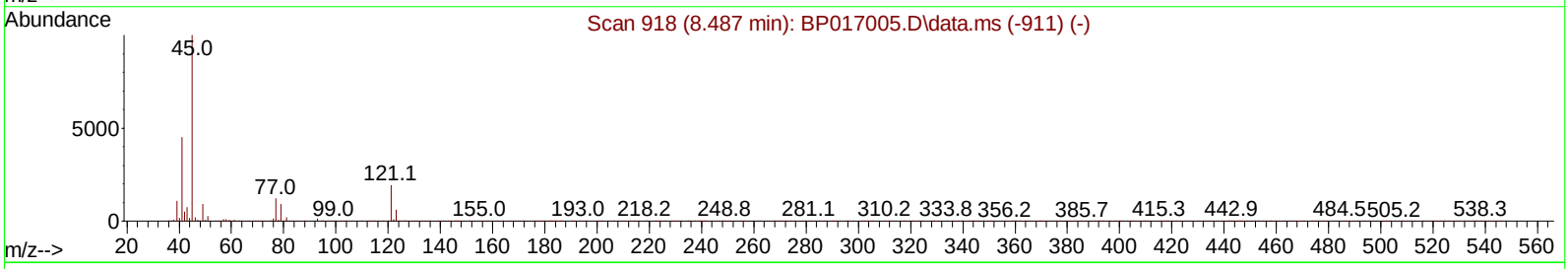

TIC: BP017023.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.487min (-0.029) 36.76 ng/ul m

response 1662674

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.48
79.00	11.20	9.68
0.00	0.00	0.00

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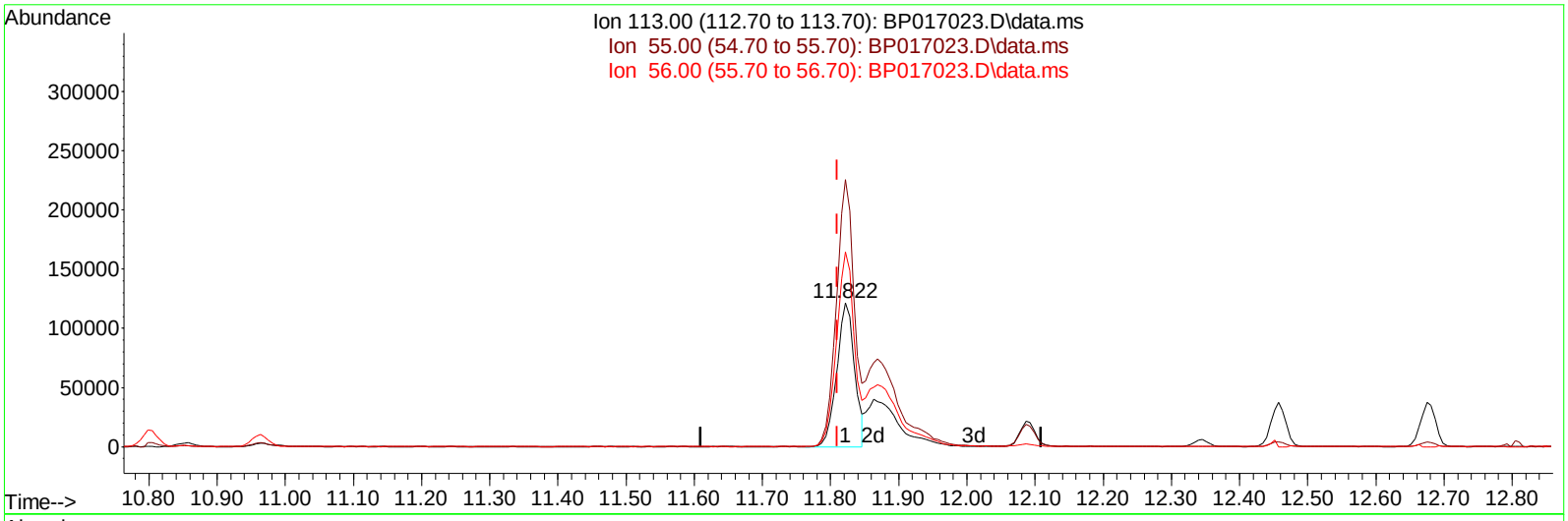

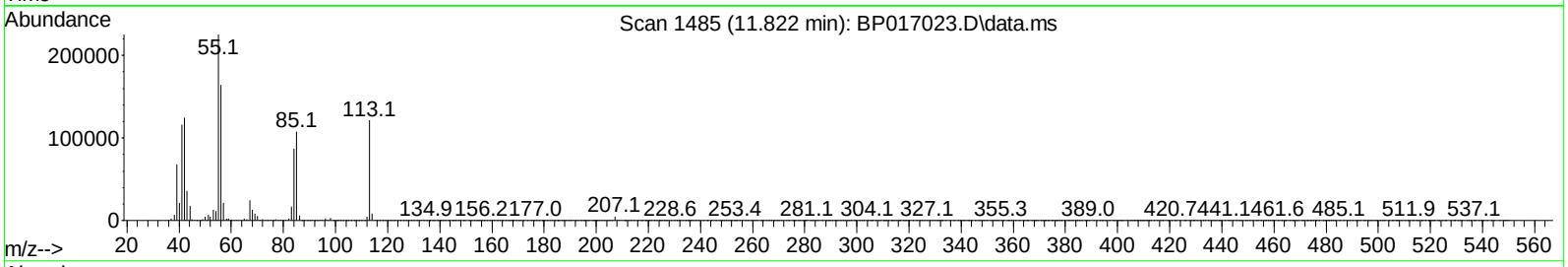

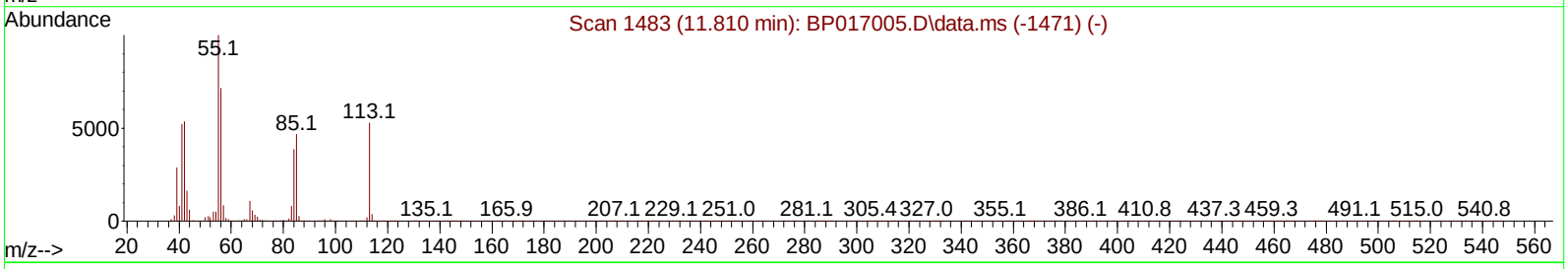

TIC: BP017023.D\data.ms

(34) Caprolactam

11.822min (+ 0.012) 23.18 ng/ul

response 220981

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	185.56
56.00	127.70	135.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 08 Sep 2023 21:24
Operator : MA/JU
Sample : PB155065BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 09 01:29:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 01:52:05 2023
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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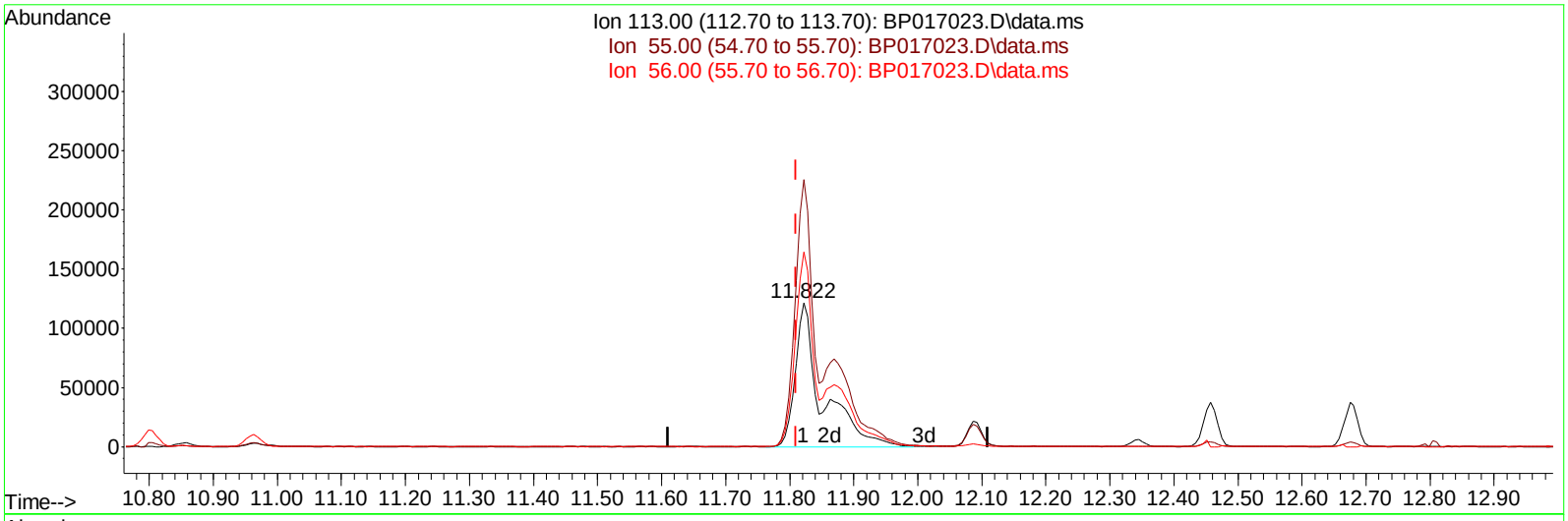

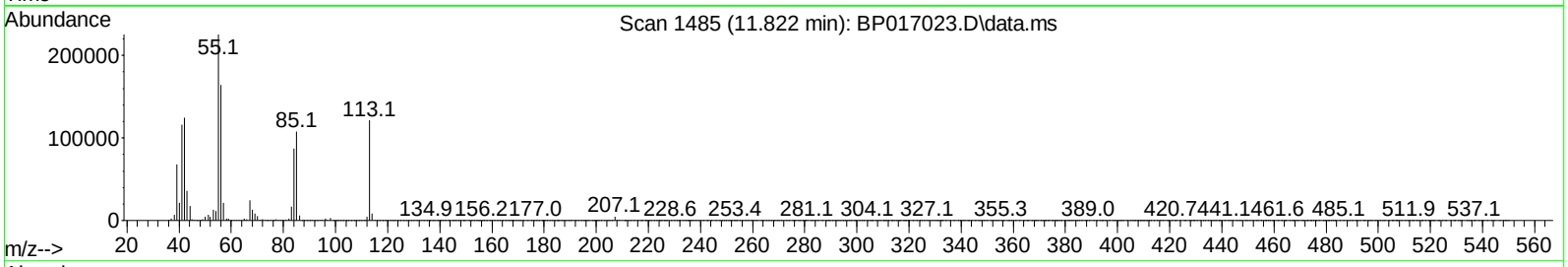

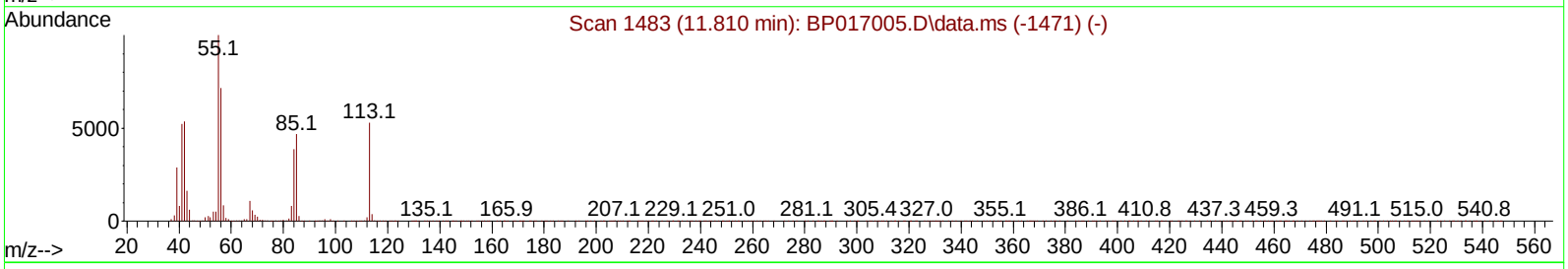

TIC: BP017023.D\data.ms

(34) Caprolactam

11.822min (+ 0.012) 37.04 ng/ul m

response 353216

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	185.56
56.00	127.70	135.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 08 Sep 2023 21:24
Operator : MA/JU
Sample : PB155065BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 09 01:30:36 2023
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	424356	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1819599	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	1083124	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2257641	20.000	ng/ul	-0.01
79) Chrysene-d12	21.498	240	1805474	20.000	ng/ul	-0.01
88) Perylene-d12	24.027	264	1598042	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	94737	8.445	ng/uL	0.00
4) Pyridine-d5	3.758	84	1137772	35.493	ng/ul	0.00
7) Phenol-d5	7.122	99	1417027	36.550	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	884501	36.474	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	1033884	36.847	ng/ul	-0.01
15) 4-Methylphenol-d8	8.687	113	1065760	36.084	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	510698	36.177	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	565356	36.945	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.416	165	1019196	36.076	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1376282	33.766	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2921027	36.230	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	3416107	36.714	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	577082	36.642	ng/ul	0.00
60) Fluorene-d10	15.628	176	2496458	36.165	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	480043	35.333	ng/ul	0.00
73) Anthracene-d10	17.498	188	3680308	35.497	ng/ul	-0.01
81) Pyrene-d10	19.733	212	4102176	37.302	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.863	264	3118176	38.462	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	157330	12.989	ng/uL	97
5) Pyridine	3.781	79	1080148	31.652	ng/ul	98
6) Benzaldehyde	7.134	77	817832	46.543	ng/ul	99
8) Phenol	7.152	94	1432462	35.563	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.411	93	1124035	34.993	ng/ul	99
12) 2-Chlorophenol	7.528	128	1062301	35.537	ng/ul	98
13) 2-Methylphenol	8.416	108	1028208	34.800	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	1662674m	36.764	ng/ul	
16) Acetophenone	8.828	105	1684527	35.343	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.805	70	919158	36.101	ng/ul	99
18) 4-Methylphenol	8.758	108	1134255	35.201	ng/ul	96
19) Hexachloroethane	9.040	117	435631	35.179	ng/ul	95
22) Nitrobenzene	9.216	77	1350009	35.816	ng/ul	99
23) Isophorone	9.734	82	2518584	35.566	ng/ul	99
25) 2-Nitrophenol	9.922	139	608291	36.105	ng/ul	100
26) 2,4-Dimethylphenol	9.957	107	975363	28.353	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.216	93	1538609	35.059	ng/ul	99
29) 2,4-Dichlorophenol	10.440	162	1009028	35.046	ng/ul	98
30) Naphthalene	10.852	128	3372308	33.965	ng/ul	100
32) 4-Chloroaniline	10.987	127	1351906	31.870	ng/ul	100
33) Hexachlorobutadiene	11.081	225	561515	32.630	ng/ul	99
34) Caprolactam	11.822	113	353216m	37.043	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	1134238	35.949	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.457	142	2282143	34.781	ng/ul	99
37) 1-Methylnaphthalene	12.675	142	2204895	33.377	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	1067249	33.443	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	503589	24.355	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	777334	35.789	ng/ul	99
42) 2,4,5-Trichlorophenol	13.128	196	849046	35.927	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	3024061	35.272	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	2371818	35.234	ng/ul	100
45) 2-Nitroaniline	13.751	65	804274	40.119	ng/ul	96
47) Dimethylphthalate	14.098	163	3022184	35.725	ng/ul	100
48) 2,6-Dinitrotoluene	14.240	165	627713	38.208	ng/ul	99
50) Acenaphthylene	14.363	152	3720684	35.712	ng/ul	100
51) 3-Nitroaniline	14.581	138	662690	40.418	ng/ul	100
52) Acenaphthene	14.698	153	2576997	35.451	ng/ul	100
53) 2,4-Dinitrophenol	14.775	184	322060	31.617	ng/ul	99
55) 4-Nitrophenol	14.869	109	459126	36.425	ng/ul	98
56) Dibenzofuran	15.034	168	3488480	34.902	ng/ul	98
57) 2,4-Dinitrotoluene	15.022	165	909913	38.583	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.251	232	674363	35.393	ng/ul	99
59) Diethylphthalate	15.451	149	3077997	36.410	ng/ul	100
61) Fluorene	15.687	166	2930361	35.561	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	1403858	35.252	ng/ul	97
63) 4-Nitroaniline	15.751	138	638719	44.308	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.775	198	491432	34.525	ng/ul	97
67) N-Nitrosodiphenylamine	15.898	169	2430761	35.707	ng/ul	100
68) 4-Bromophenyl-phenylether	16.581	248	788429	35.102	ng/ul	98
69) Hexachlorobenzene	16.663	284	845053	34.322	ng/ul	99
70) Atrazine	16.857	200	811792	34.829	ng/ul	98
71) Pentachlorophenol	17.022	266	539671	33.612	ng/ul	99
72) Phenanthrene	17.445	178	4503442	35.898	ng/ul	100
74) Anthracene	17.539	178	4438972	35.199	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	105826	3.291	ng/uL	99
76) Pentachlorobenzene	14.928	250	1043405	33.683	ng/uL	99
77) Carbazole	17.822	167	4179384	36.879	ng/ul	99
78) Di-n-butylphthalate	18.328	149	5229066	37.664	ng/ul	100
80) Fluoranthene	19.404	202	5059522	36.847	ng/ul	98
82) Pyrene	19.763	202	5182591	36.351	ng/ul	96
83) Butylbenzylphthalate	20.622	149	2348530	39.833	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.422	252	1426022	35.589	ng/ul	100
85) Benzo(a)anthracene	21.480	228	4673383	36.753	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	3335441	40.949	ng/ul	99
87) Chrysene	21.539	228	4285980	36.033	ng/ul	99
89) Di-n-octyl phthalate	22.322	149	5388622	40.225	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	4161161	37.269	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	3981476	36.824	ng/ul	99
93) Benzo(a)pyrene	23.916	252	3486472	37.438	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.715	276	3899136	37.719	ng/ul	98
95) Dibenzo(a,h)anthracene	26.739	278	3237284	37.942	ng/ul	98
96) Benzo(g,h,i)perylene	27.557	276	3047024	37.404	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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