Quantitation Report (Qedit)

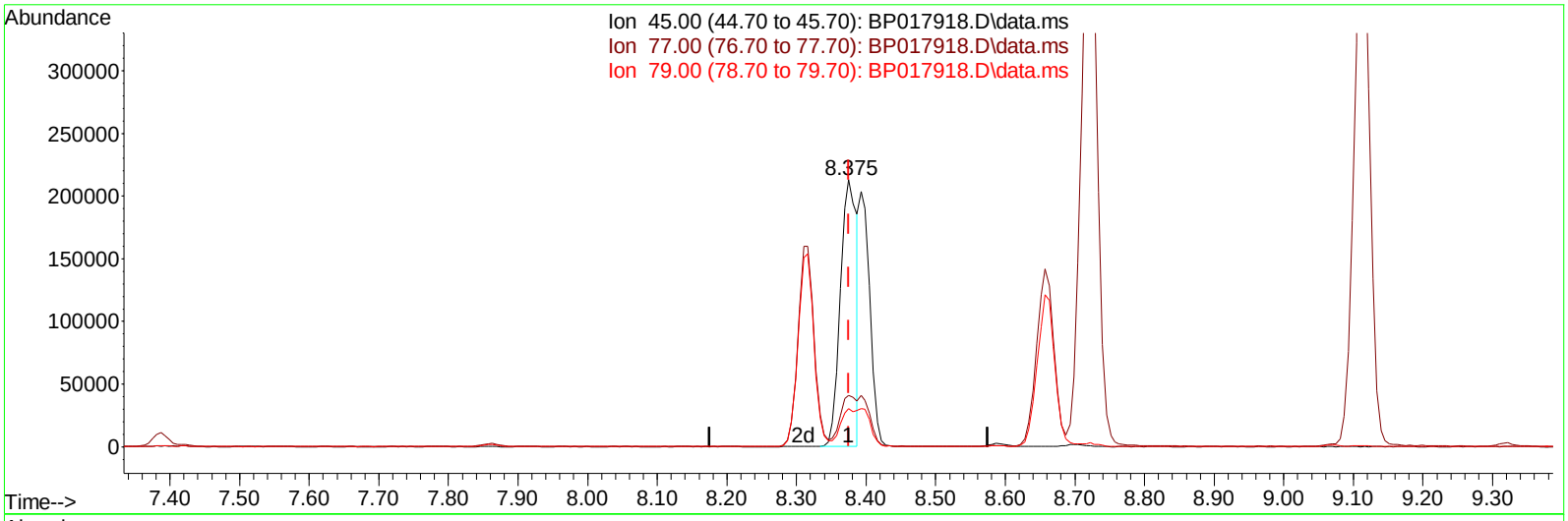
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
Data File : BP017918.D
Acq On : 06 Nov 2023 17:37
Operator : MA/JU
Sample : SSTD08044
Misc :
ALS Vial : 7 Sample Multiplier: 1

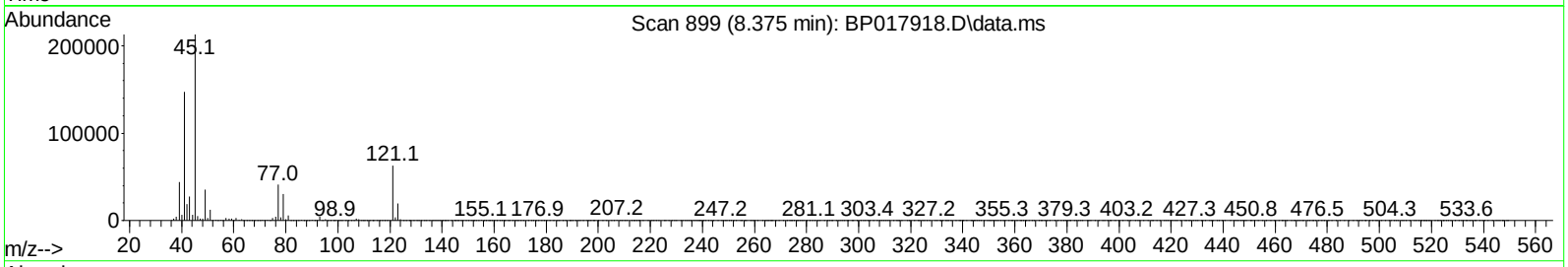
Quant Time: Nov 07 03:09:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 03:03:13 2023
Response via : Initial Calibration

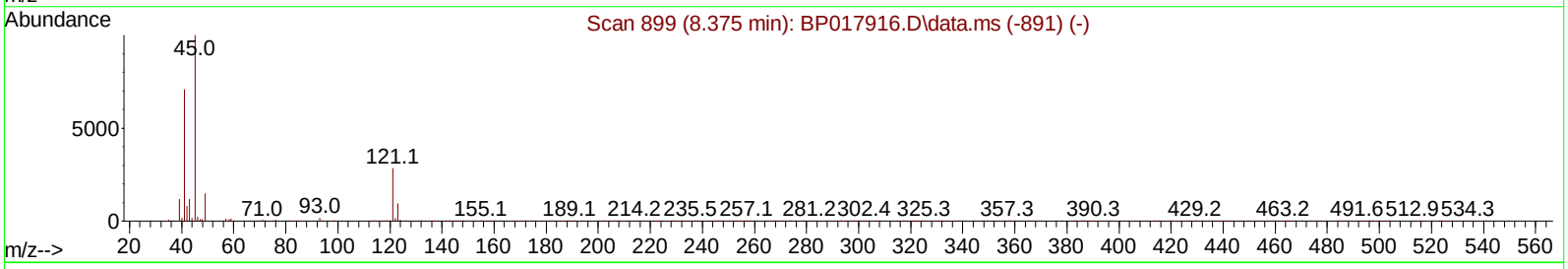
Instrument :
BNA_P
ClientSampleId :
SSTD080607

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023







TIC: BP017918.D\data.ms

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

8.375min (-0.000) 49.86 ng/ul

response 349850

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.50	19.22
79.00	14.00	14.24
0.00	0.00	0.00

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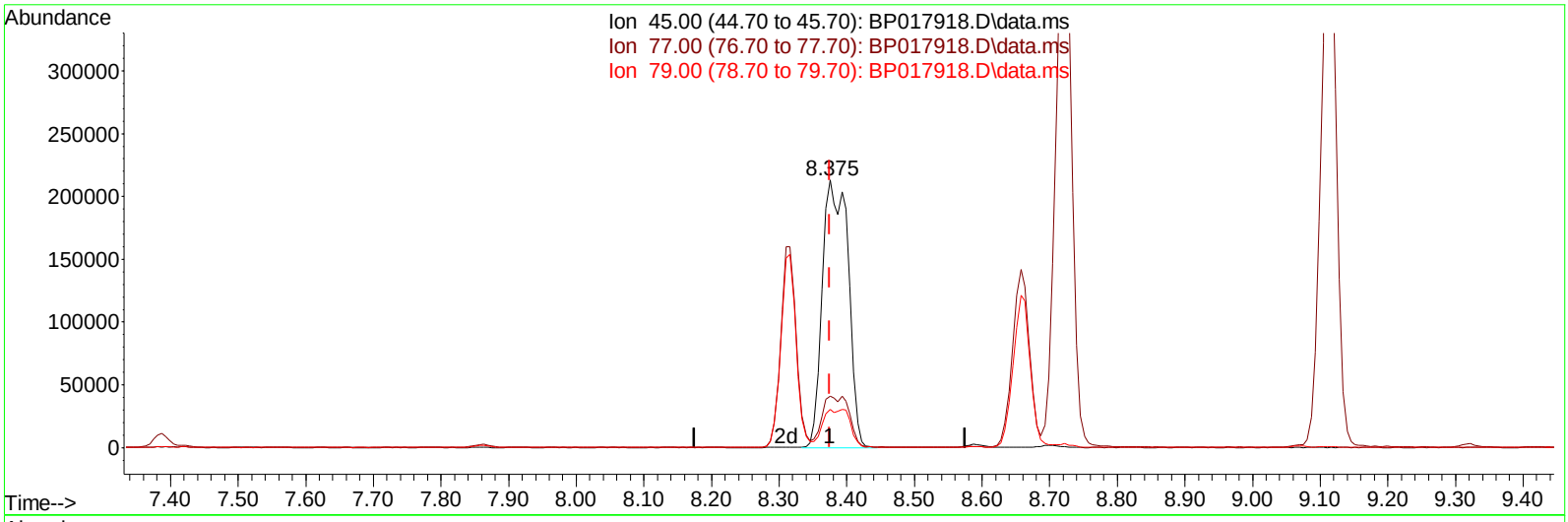

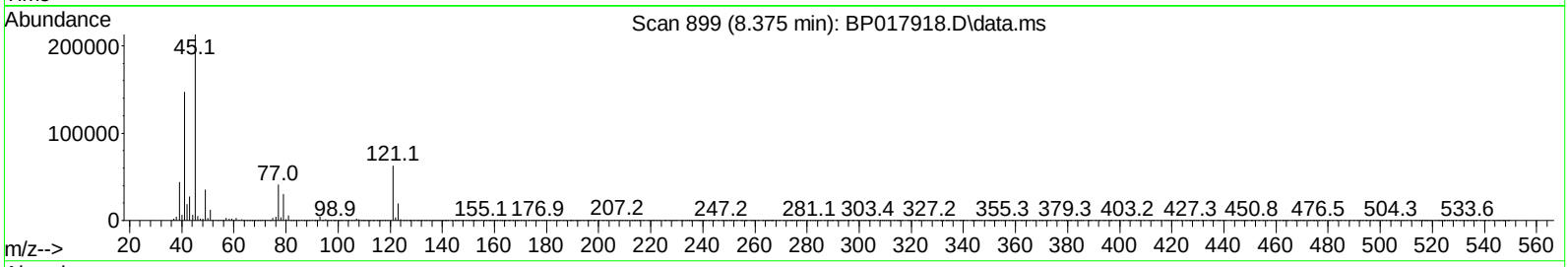

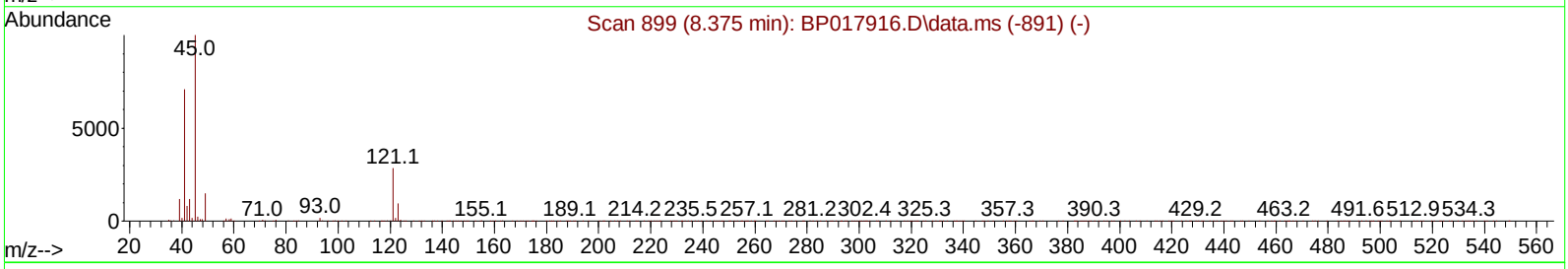

TIC: BP017918.D\data.ms

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

8.375min (-0.000) 80.66 ng/ul m

response 566009

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.50	19.22
79.00	14.00	14.24
0.00	0.00	0.00

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Misc :
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Quant Title : SVOA CALIBRATION
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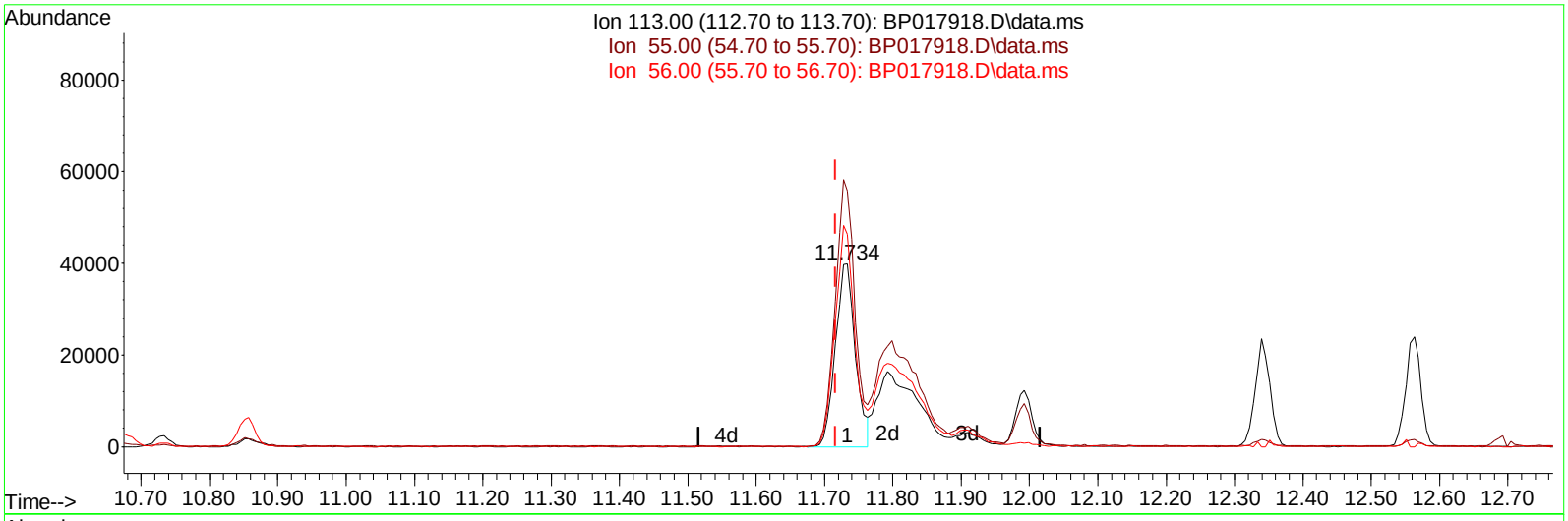

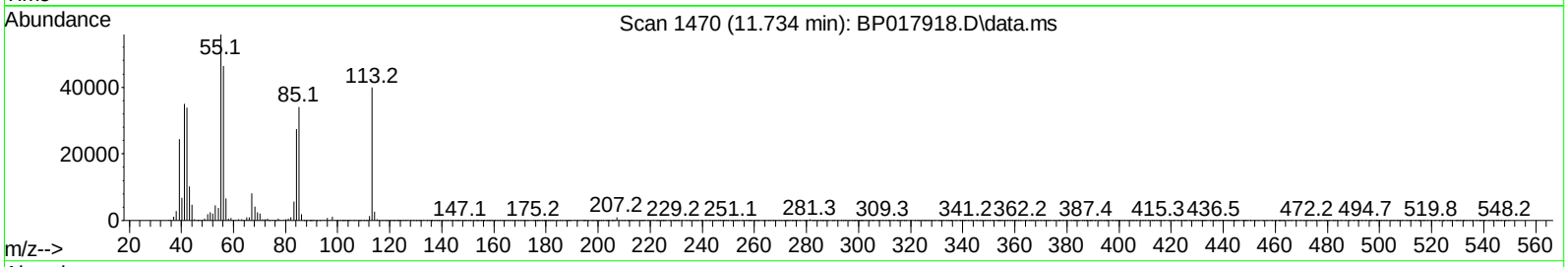

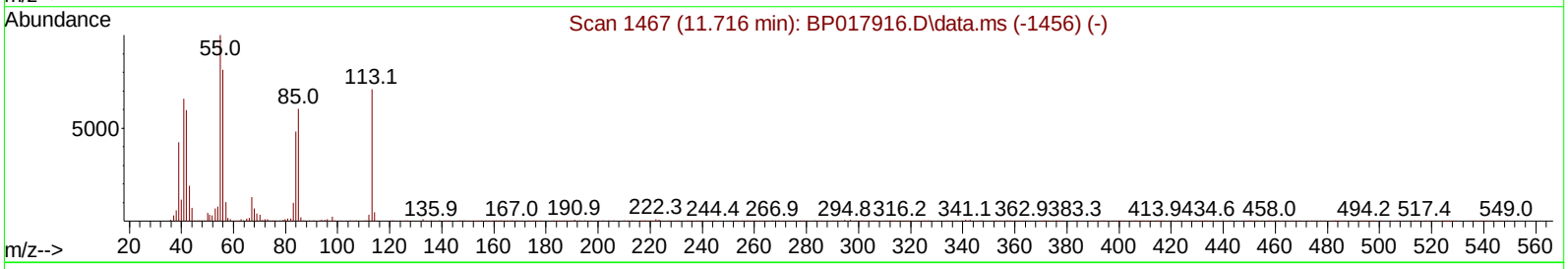

TIC: BP017918.D\data.ms

(34) Caprolactam

11.734min (+ 0.018) 43.81 ng/ul

response 81021

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.60	140.01
56.00	114.60	116.27
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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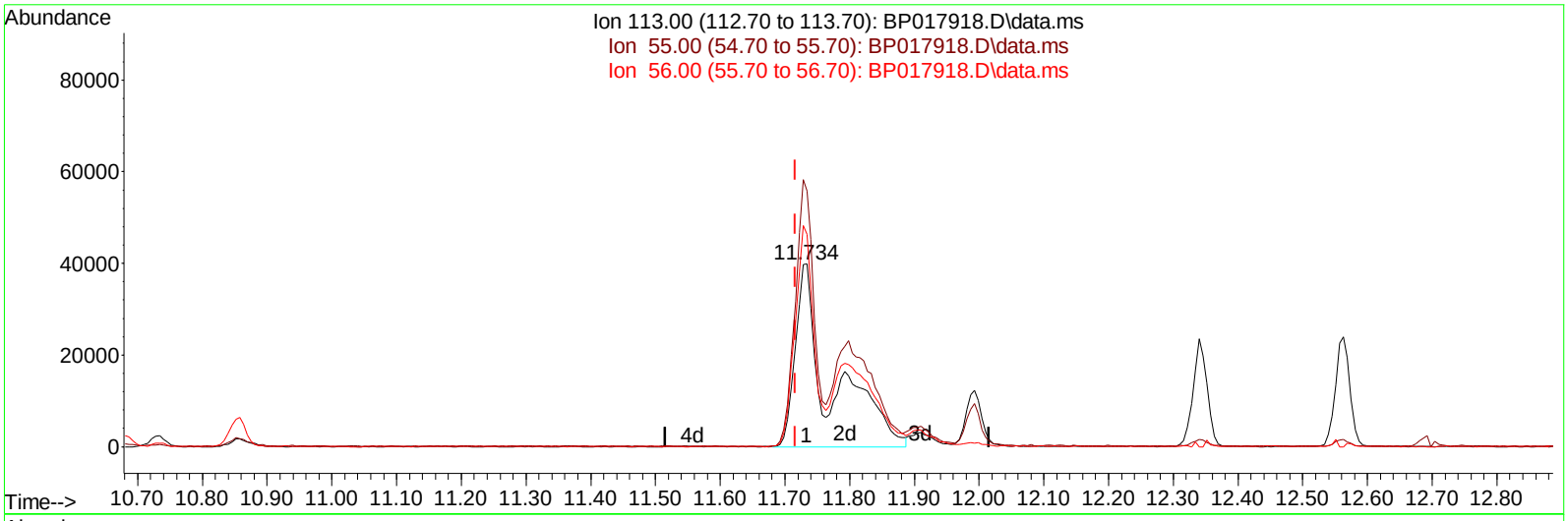

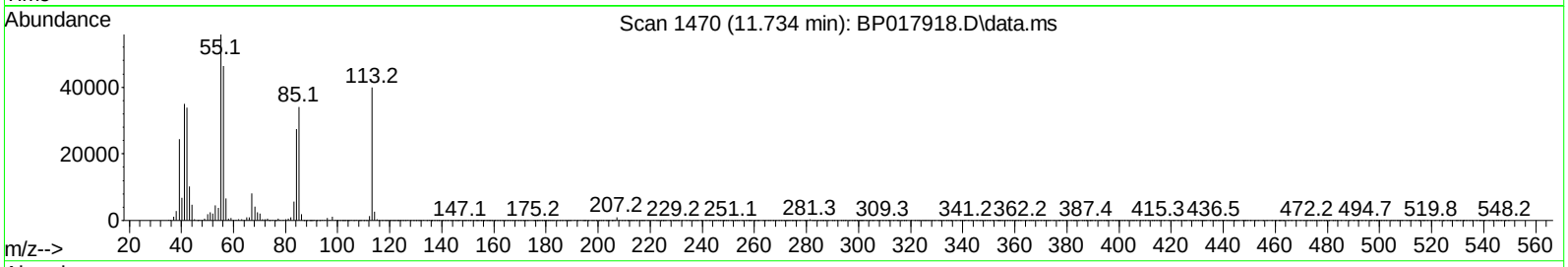

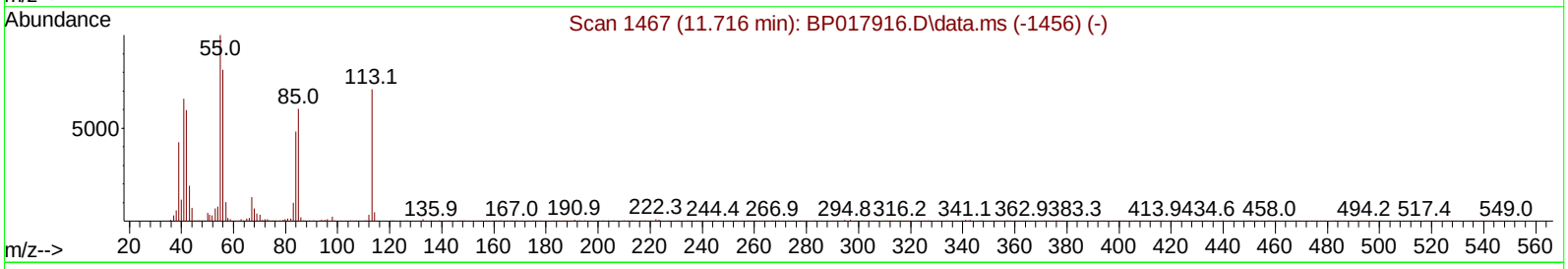

TIC: BP017918.D\data.ms

(34) Caprolactam

11.734min (+ 0.018) 80.51 ng/ul m

response 148907

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.60	140.01
56.00	114.60	116.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 06 Nov 2023 17:37
Operator : MA/JU
Sample : SSTD08044
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 07 03:33:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	82502	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	352242	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	225702	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	487394	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.416	240	451101	20.000	ng/ul	0.00
88) Perylene-d12	23.898	264	456645	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	67225	30.732	ng/uL	0.00
4) Pyridine-d5	3.675	84	491631	82.179	ng/ul	0.00
7) Phenol-d5	7.028	99	648337	83.800	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	378045	81.004	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	506114	83.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	531934	83.185	ng/ul	0.01
21) Nitrobenzene-d5	9.069	128	261119	86.393	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	304141	86.858	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	527795	82.665	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	718834	83.457	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1633807	78.247	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1813791	79.465	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	278829	91.633	ng/ul	0.00
60) Fluorene-d10	15.528	176	1338340	76.913	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	307540	86.284	ng/ul	0.00
73) Anthracene-d10	17.404	188	2107084	79.452	ng/ul	0.00
81) Pyrene-d10	19.651	212	2422177	80.593	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	2190125	81.597	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	72643	29.977	ng/uL	96
5) Pyridine	3.693	79	499904	80.370	ng/ul	97
6) Benzaldehyde	7.028	77	329142	76.488	ng/ul	98
8) Phenol	7.057	94	630408	82.831	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.310	93	493684	80.993	ng/ul	98
12) 2-Chlorophenol	7.422	128	506949	83.747	ng/ul	99
13) 2-Methylphenol	8.316	108	484065	82.731	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	566009m	80.663	ng/ul	
16) Acetophenone	8.722	105	834917	81.359	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.699	70	448644	80.439	ng/ul	98
18) 4-Methylphenol	8.657	108	521244	82.811	ng/ul	93
19) Hexachloroethane	8.916	117	241147	78.237	ng/ul	99
22) Nitrobenzene	9.110	77	688460	84.927	ng/ul	99
23) Isophorone	9.628	82	1257881	84.868	ng/ul	100
25) 2-Nitrophenol	9.810	139	310091	85.881	ng/ul	99
26) 2,4-Dimethylphenol	9.851	107	627316	83.164	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.110	93	685609	83.737	ng/ul	99
29) 2,4-Dichlorophenol	10.334	162	509827	81.567	ng/ul	96
30) Naphthalene	10.734	128	1684237	79.068	ng/ul	99
32) 4-Chloroaniline	10.881	127	692731	83.745	ng/ul	99
33) Hexachlorobutadiene	10.951	225	365100	72.072	ng/ul	96
34) Caprolactam	11.734	113	148907m	80.509	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	587082	83.880	ng/ul	96

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_P
ClientSampleId :
SSTD080607

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	1160033	79.030	ng/ul	98
37) 1-Methylnaphthalene	12.563	142	1177459	77.978	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.692	216	630705	77.454	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	377877	90.760	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	425271	81.954	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	448588	82.656	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1542701	79.917	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	1223447	79.175	ng/ul	98
45) 2-Nitroaniline	13.657	65	425091	92.356	ng/ul	94
47) Dimethylphthalate	13.998	163	1598960	77.665	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	335750	82.425	ng/ul	97
50) Acenaphthylene	14.257	152	2030795	79.365	ng/ul	100
51) 3-Nitroaniline	14.492	138	307600	84.296	ng/ul	91
52) Acenaphthene	14.592	153	1336355	78.658	ng/ul	100
53) 2,4-Dinitrophenol	14.704	184	211749	92.866	ng/ul	86
55) 4-Nitrophenol	14.798	109	345896	94.589	ng/ul	96
56) Dibenzofuran	14.934	168	1841150	78.009	ng/ul	100
57) 2,4-Dinitrotoluene	14.939	165	502279	83.150	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.151	232	383964	76.116	ng/ul	90
59) Diethylphthalate	15.351	149	1695547	78.922	ng/ul	99
61) Fluorene	15.586	166	1547878	77.705	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	789292	76.727	ng/ul	98
63) 4-Nitroaniline	15.675	138	289127	84.761	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.698	198	318471	85.528	ng/ul#	99
67) N-Nitrosodiphenylamine	15.804	169	1268689	80.977	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	467625	77.621	ng/ul	91
69) Hexachlorobenzene	16.557	284	510053	74.145	ng/ul#	90
70) Atrazine	16.769	200	462064	80.651	ng/ul	100
71) Pentachlorophenol	16.928	266	328376	82.064	ng/ul	98
72) Phenanthrene	17.345	178	2390981	79.525	ng/ul	99
74) Anthracene	17.439	178	2452656	80.291	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	633801	79.667	ng/uL	98
76) Pentachlorobenzene	14.822	250	608697	76.820	ng/uL	97
77) Carbazole	17.733	167	2157861	83.071	ng/ul	99
78) Di-n-butylphthalate	18.233	149	2928916	86.104	ng/ul	100
80) Fluoranthene	19.322	202	2820031	80.383	ng/ul	99
82) Pyrene	19.680	202	2909330	79.684	ng/ul	100
83) Butylbenzylphthalate	20.539	149	1386567	86.417	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.345	252	928215	82.314	ng/ul	99
85) Benzo(a)anthracene	21.404	228	2897767	79.431	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	2021576	87.785	ng/ul	98
87) Chrysene	21.457	228	2670680	79.079	ng/ul	99
89) Di-n-octyl phthalate	22.233	149	3385528	87.783	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2718082	81.833	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	2703487	81.641	ng/ul	99
93) Benzo(a)pyrene	23.798	252	2540912	82.646	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.551	276	3018919	81.936	ng/ul	99
95) Dibenzo(a,h)anthracene	26.574	278	2524123	82.494	ng/ul	99
96) Benzo(g,h,i)perylene	27.374	276	2347594	79.977	ng/ul	99

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

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