Quantitation Report (Qedit)

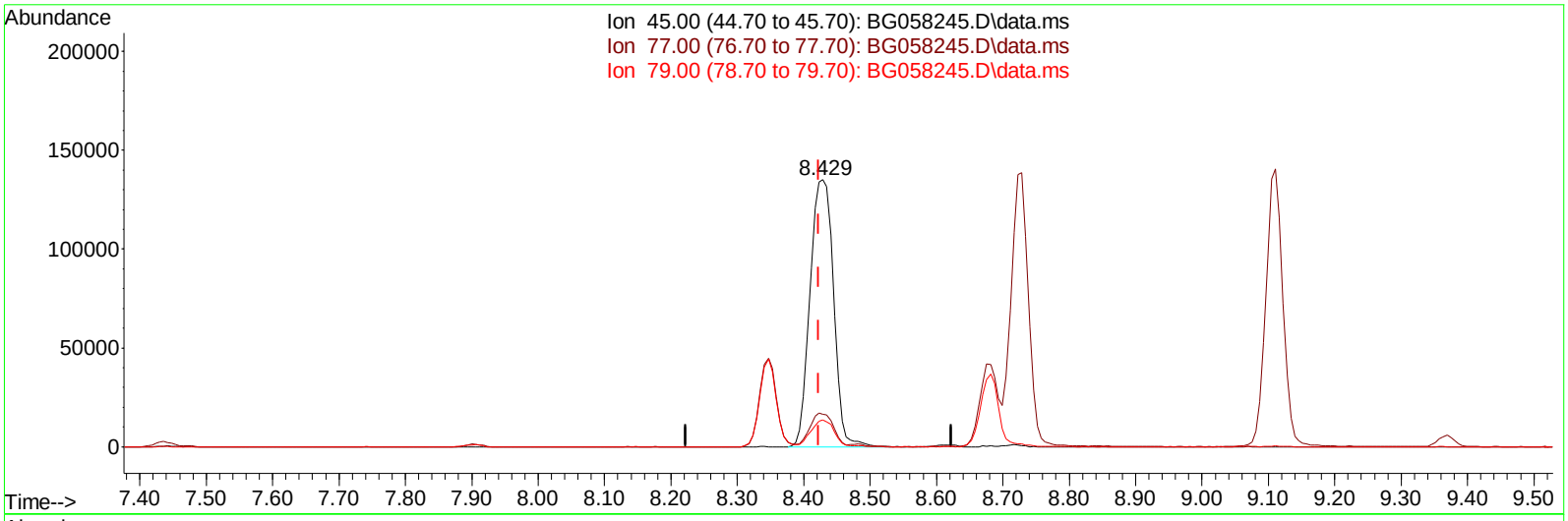
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058245.D
Acq On : 15 Jul 2023 2:13
Operator : CG/JU
Sample : 03437-11MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

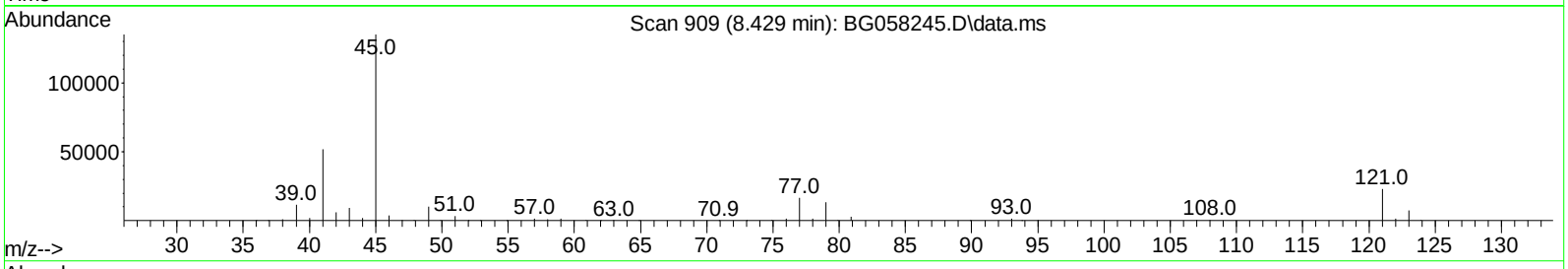
Quant Time: Jul 15 02:48:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration

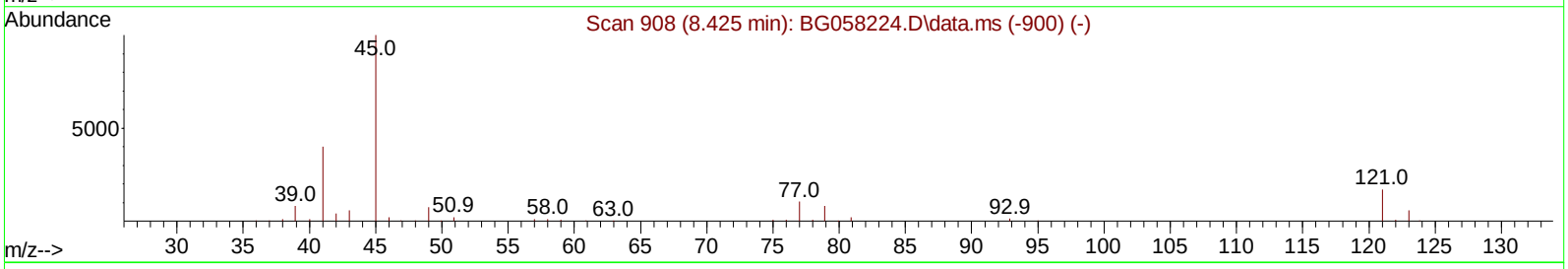
Instrument :
BNA_G
ClientSampleId :
A46K7MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023







TIC: BG058245.D\data.ms

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

8.429min (+ 0.006) 44.94 ng/ul

response 331909

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	11.80	12.27
79.00	10.40	10.05
0.00	0.00	0.00

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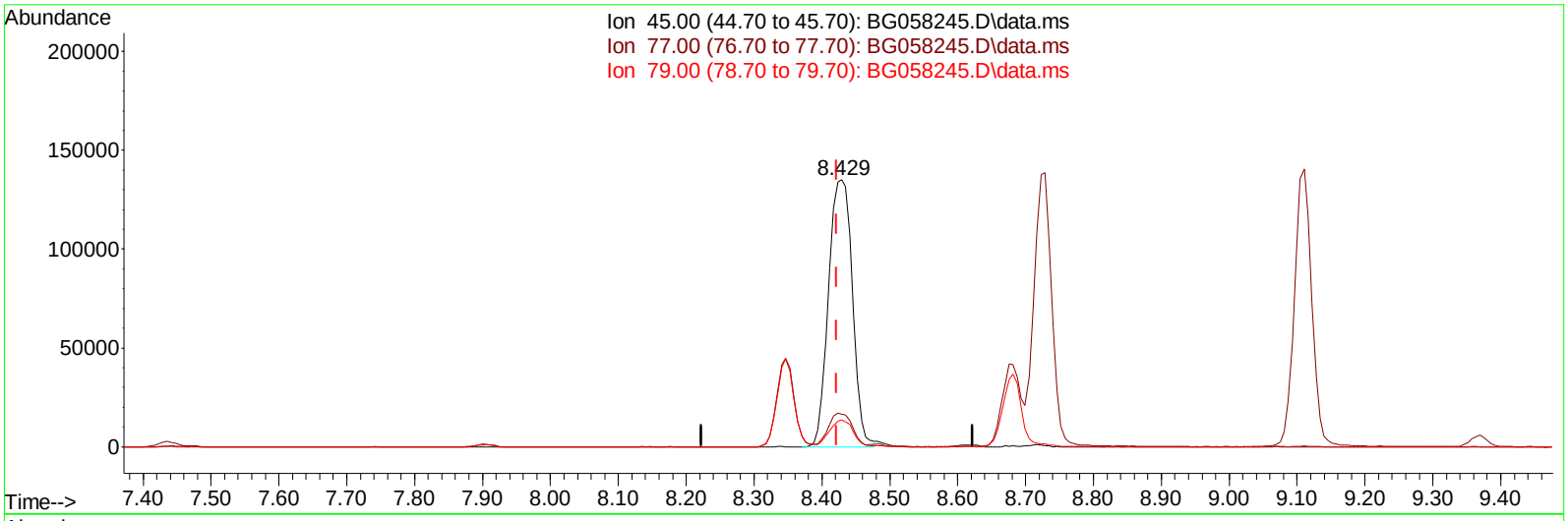

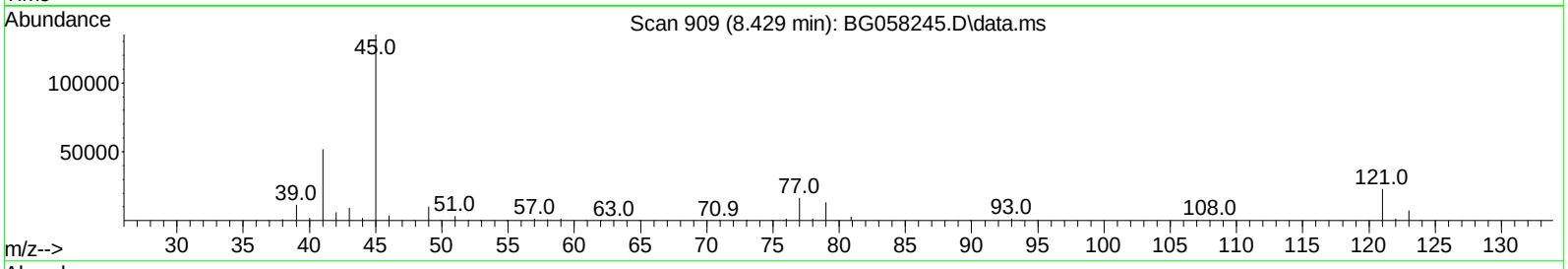

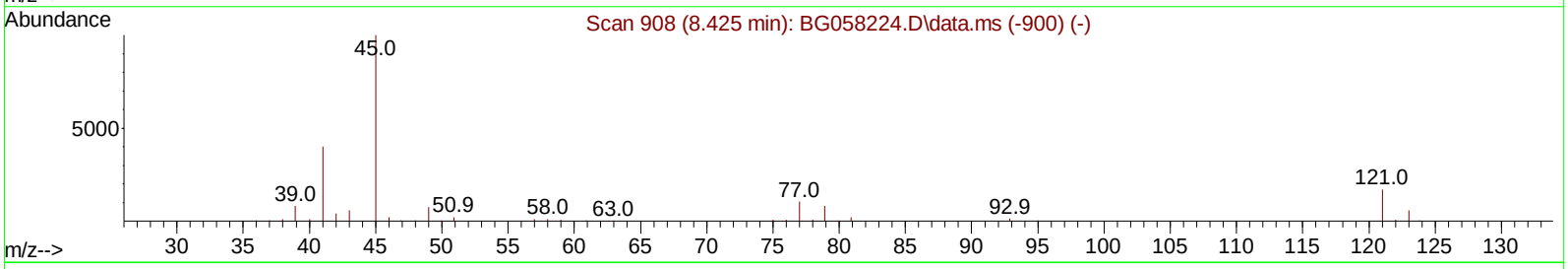

TIC: BG058245.D\data.ms

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

8.429min (+ 0.006) 44.55 ng/ul m

response 329018

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	11.80	12.27
79.00	10.40	10.05
0.00	0.00	0.00

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Misc :
ALS Vial : 54 Sample Multiplier: 1

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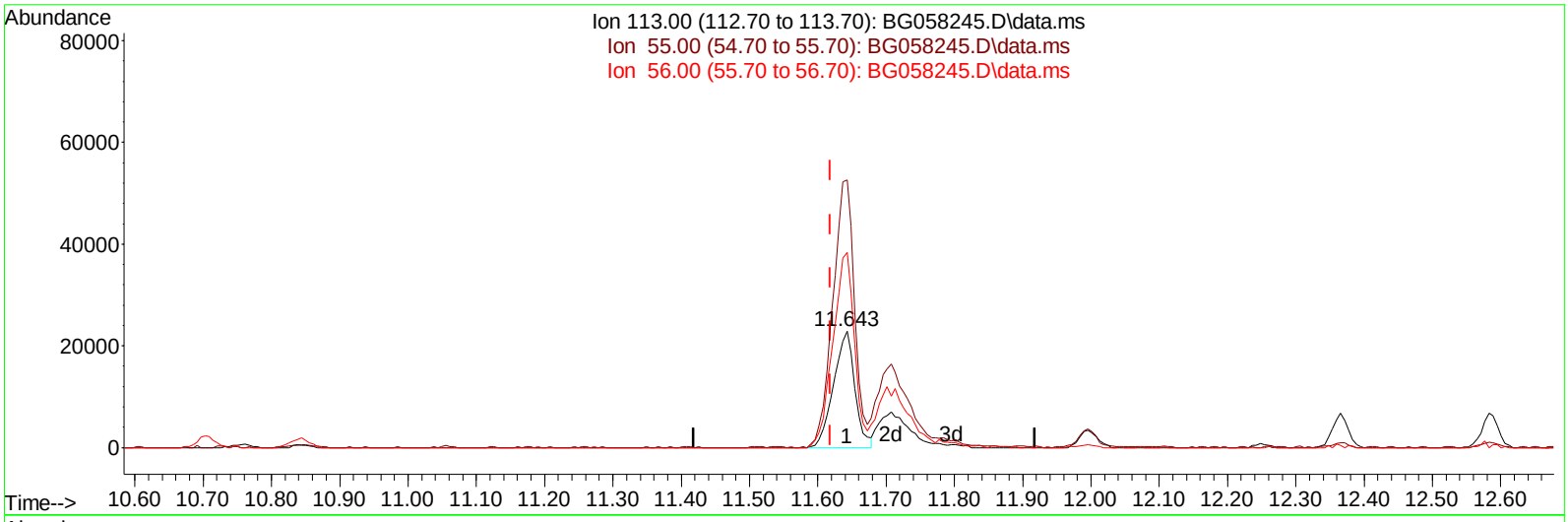

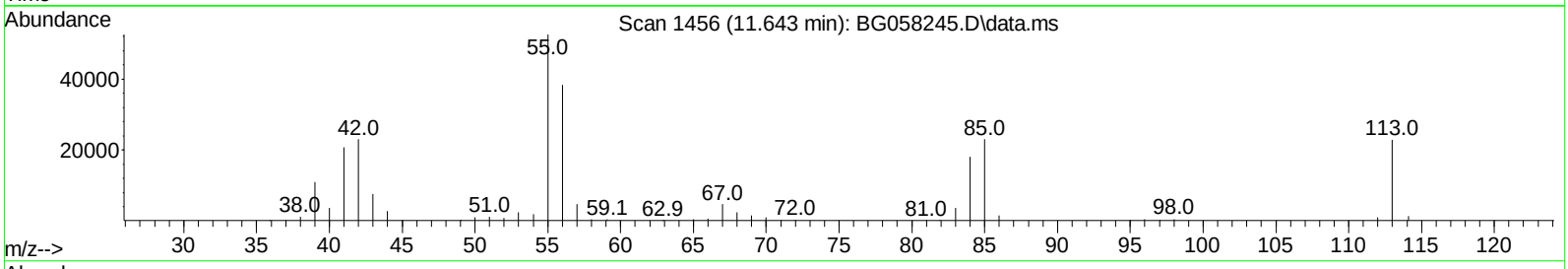

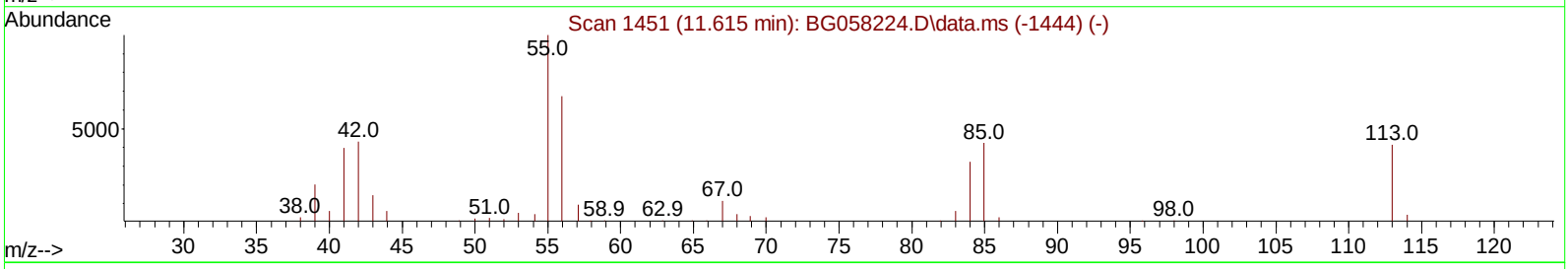

TIC: BG058245.D\data.ms

(34) Caprolactam

11.643min (+ 0.024) 26.99 ng/ul

response 49627

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	229.67
56.00	153.80	167.77
0.00	0.00	0.00

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Misc :
ALS Vial : 54 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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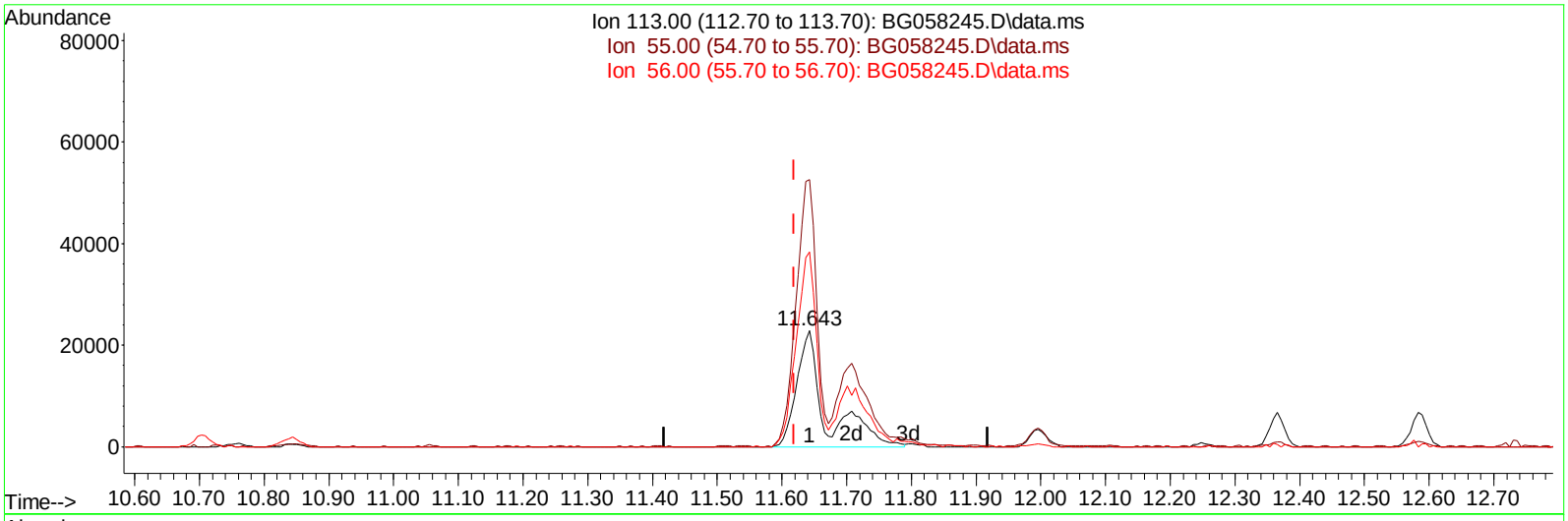

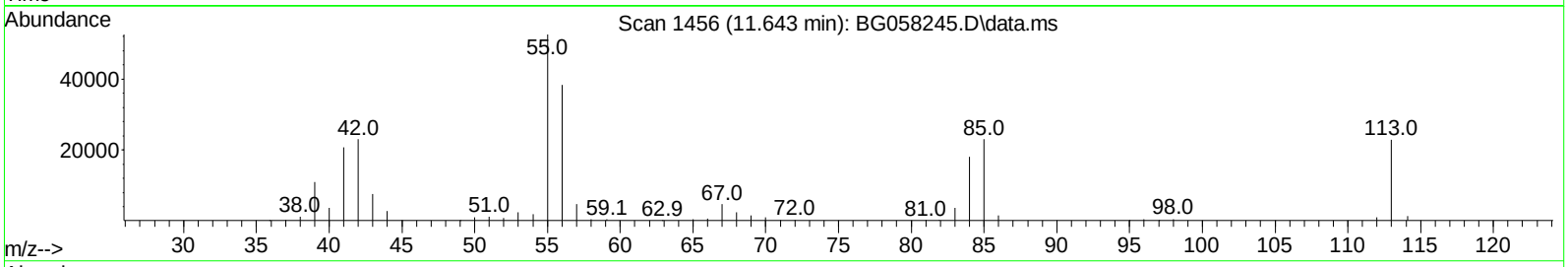

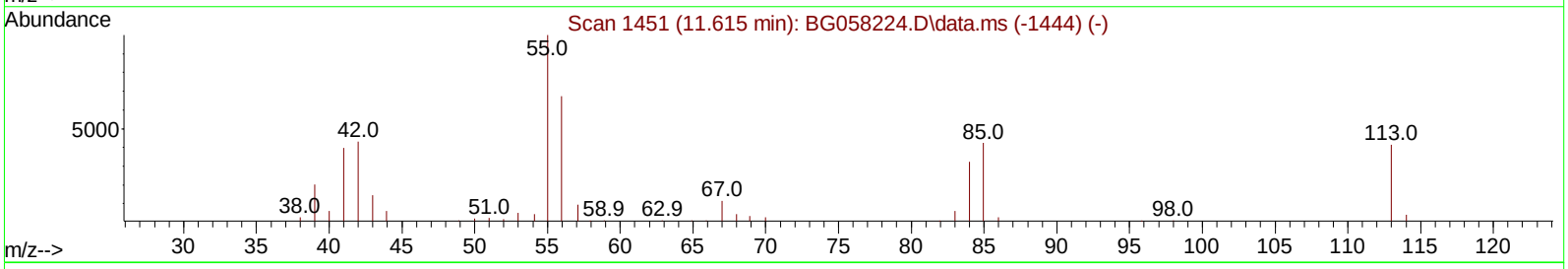

TIC: BG058245.D\data.ms

(34) Caprolactam

11.643min (+ 0.024) 38.97 ng/ul m

response 71649

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	229.67
56.00	153.80	167.77
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Quant Time: Jul 15 03:52:01 2023
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ClientSampleId :
A46K7MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	59962	20.000	ng/ul	0.00
20) Naphthalene-d8	10.709	136	286259	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	198122	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.289	188	446752	20.000	ng/ul	0.00
79) Chrysene-d12	21.543	240	372726	20.000	ng/ul	0.00
88) Perylene-d12	24.680	264	475799	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	11053	6.455	ng/uL	0.00
4) Pyridine-d5	3.752	84	179092	34.450	ng/ul	0.00
7) Phenol-d5	7.072	99	267978	43.761	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	157354	42.640	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	182950	43.318	ng/ul	0.00
15) 4-Methylphenol-d8	8.617	113	197518	42.747	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	101417	43.468	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	115110	46.943	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.327	165	212089	45.087	ng/ul	0.00
31) 4-Chloroaniline-d4	10.844	131	268572	37.658	ng/ul	0.00
46) Dimethylphthalate-d6	13.946	166	630224	40.316	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	724102	42.449	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	105763	38.295	ng/ul	0.00
60) Fluorene-d10	15.532	176	550948	41.500	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.662	200	104845	43.219	ng/ul	0.00
73) Anthracene-d10	17.389	188	842677	40.649	ng/ul	0.00
81) Pyrene-d10	19.675	212	994639	42.371	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.469	264	1075154	44.353	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	27452	12.977	ng/uL	96
5) Pyridine	3.776	79	200381	37.619	ng/ul	98
6) Benzaldehyde	7.042	77	133754	65.404	ng/ul	97
8) Phenol	7.095	94	267707	43.081	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.324	93	197794	41.224	ng/ul	97
12) 2-Chlorophenol	7.471	128	182166	41.449	ng/ul	98
13) 2-Methylphenol	8.347	108	201625	41.314	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.429	45	329018m	44.548	ng/ul	
16) Acetophenone	8.729	105	326025	42.528	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.711	70	171863	41.936	ng/ul	97
18) 4-Methylphenol	8.682	108	223419	42.338	ng/ul	97
19) Hexachloroethane	8.981	117	72264	42.890	ng/ul	95
22) Nitrobenzene	9.110	77	249886	41.257	ng/ul	98
23) Isophorone	9.627	82	524230	40.563	ng/ul	99
25) 2-Nitrophenol	9.821	139	115864	44.035	ng/ul	93
26) 2,4-Dimethylphenol	9.880	107	136332	23.042	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.109	93	293827	40.345	ng/ul	98
29) 2,4-Dichlorophenol	10.356	162	195836	42.819	ng/ul	93
30) Naphthalene	10.756	128	650503	40.436	ng/ul	98
32) 4-Chloroaniline	10.867	127	216070	29.629	ng/ul	100
33) Hexachlorobutadiene	11.038	225	136965	42.300	ng/ul	98
34) Caprolactam	11.643	113	71649m	38.966	ng/ul	
35) 4-Chloro-3-methylphenol	11.995	107	246152	43.814	ng/ul	98

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A46K7MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.365	142	446082	41.135	ng/ul	93
37) 1-Methylnaphthalene	12.583	142	448328	41.227	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.736	216	265602	43.991	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	97864	25.734	ng/ul	98
41) 2,4,6-Trichlorophenol	12.977	196	173410	42.377	ng/ul	97
42) 2,4,5-Trichlorophenol	13.053	196	186556	42.155	ng/ul	99
43) 1,1'-Biphenyl	13.376	154	587428	41.143	ng/ul	99
44) 2-Chloronaphthalene	13.417	162	476665	41.598	ng/ul	99
45) 2-Nitroaniline	13.623	65	176486	44.299	ng/ul	97
47) Dimethylphthalate	13.993	163	610164	38.851	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	140085	43.455	ng/ul	97
50) Acenaphthylene	14.263	152	740427	40.195	ng/ul	98
51) 3-Nitroaniline	14.451	138	134595	49.406	ng/ul	98
52) Acenaphthene	14.604	153	517951	40.976	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	64890	38.611	ng/ul	88
55) 4-Nitrophenol	14.769	109	80225	39.211	ng/ul	92
56) Dibenzofuran	14.945	168	722185	40.192	ng/ul	98
57) 2,4-Dinitrotoluene	14.910	165	190037	41.607	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.168	232	155534	38.606	ng/ul	98
59) Diethylphthalate	15.356	149	621348	37.906	ng/ul	99
61) Fluorene	15.591	166	573738	38.916	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.579	204	312795	40.097	ng/ul	98
63) 4-Nitroaniline	15.620	138	130095	53.307	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.673	198	107702	43.414	ng/ul	97
67) N-Nitrosodiphenylamine	15.797	169	491218	41.315	ng/ul	98
68) 4-Bromophenyl-phenylether	16.472	248	217280	44.307	ng/ul	99
69) Hexachlorobenzene	16.590	284	239960	43.705	ng/ul	98
70) Atrazine	16.743	200	104027	21.396	ng/ul	97
71) Pentachlorophenol	16.937	266	123878	37.582	ng/ul	97
72) Phenanthrene	17.330	178	913998	40.220	ng/ul	98
74) Anthracene	17.424	178	893806	38.867	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.341	216	278255	46.963	ng/uL	97
76) Pentachlorobenzene	14.863	250	628917	99.388	ng/uL	98
77) Carbazole	17.689	167	846705	40.711	ng/ul	99
78) Di-n-butylphthalate	18.241	149	1052504	39.727	ng/ul	98
80) Fluoranthene	19.340	202	1091392	40.123	ng/ul	99
82) Pyrene	19.704	202	1077406	39.349	ng/ul	98
83) Butylbenzylphthalate	20.585	149	480996	43.322	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.437	252	399619	44.287	ng/ul	98
85) Benzo(a)anthracene	21.519	228	1114554	41.647	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.420	149	688549	43.276	ng/ul	97
87) Chrysene	21.584	228	1068375	42.585	ng/ul	99
89) Di-n-octyl phthalate	22.601	149	1224011	41.869	ng/ul	100
90) Benzo(b)fluoranthene	23.687	252	1199959	40.731	ng/ul	99
91) Benzo(k)fluoranthene	23.752	252	1188958	41.174	ng/ul	99
93) Benzo(a)pyrene	24.539	252	1069564	41.018	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.276	276	1461202	42.200	ng/ul	100
95) Dibenzo(a,h)anthracene	28.329	278	1215067	42.555	ng/ul	98
96) Benzo(g,h,i)perylene	29.398	276	1170290	41.379	ng/ul	99

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

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Manual IntegrationsAPPROVED

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