Quantitation Report (Qedit)

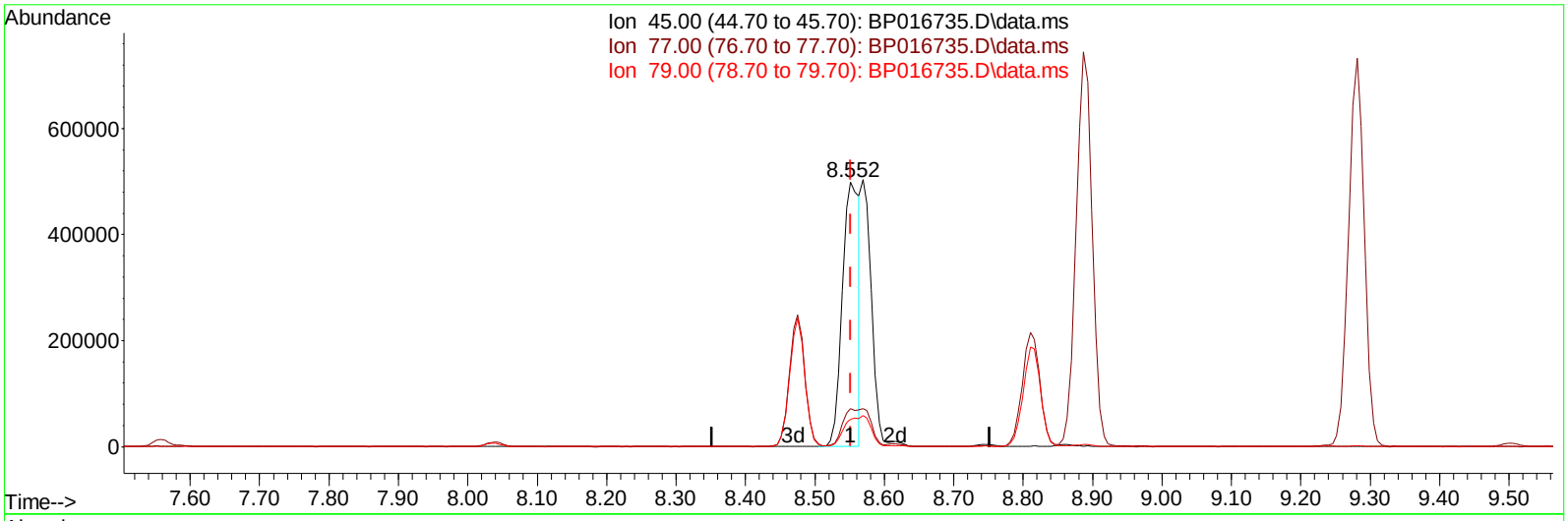
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082423\
Data File : BP016735.D
Acq On : 24 Aug 2023 20:12
Operator : MA/JU
Sample : PB154829BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

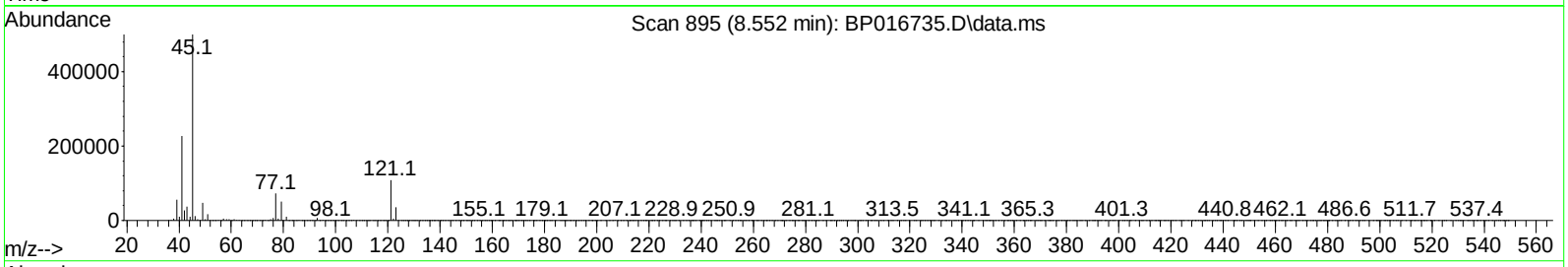
Quant Time: Aug 25 09:28:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 01:47:30 2023
Response via : Initial Calibration

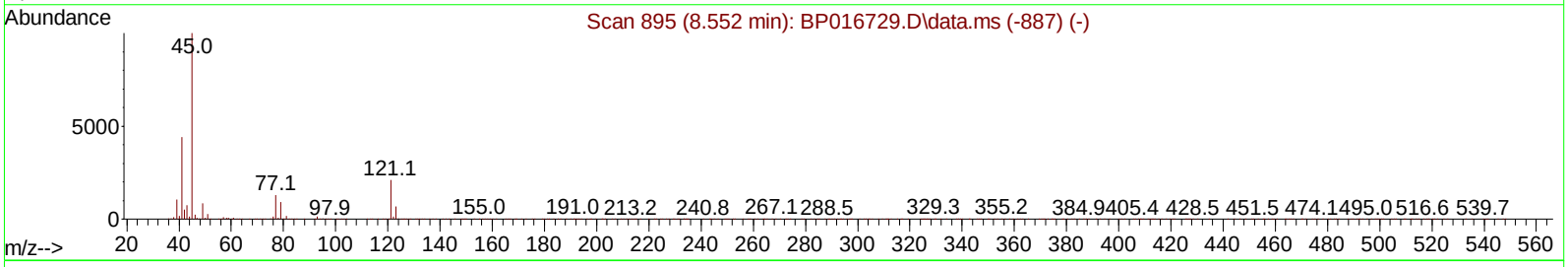
Instrument :
BNA_P
ClientSampleId :
SLCS829

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023







TIC: BP016735.D\data.ms

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

8.552min (-0.000) 20.43 ng/ul

response 844771

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	14.45
79.00	10.30	10.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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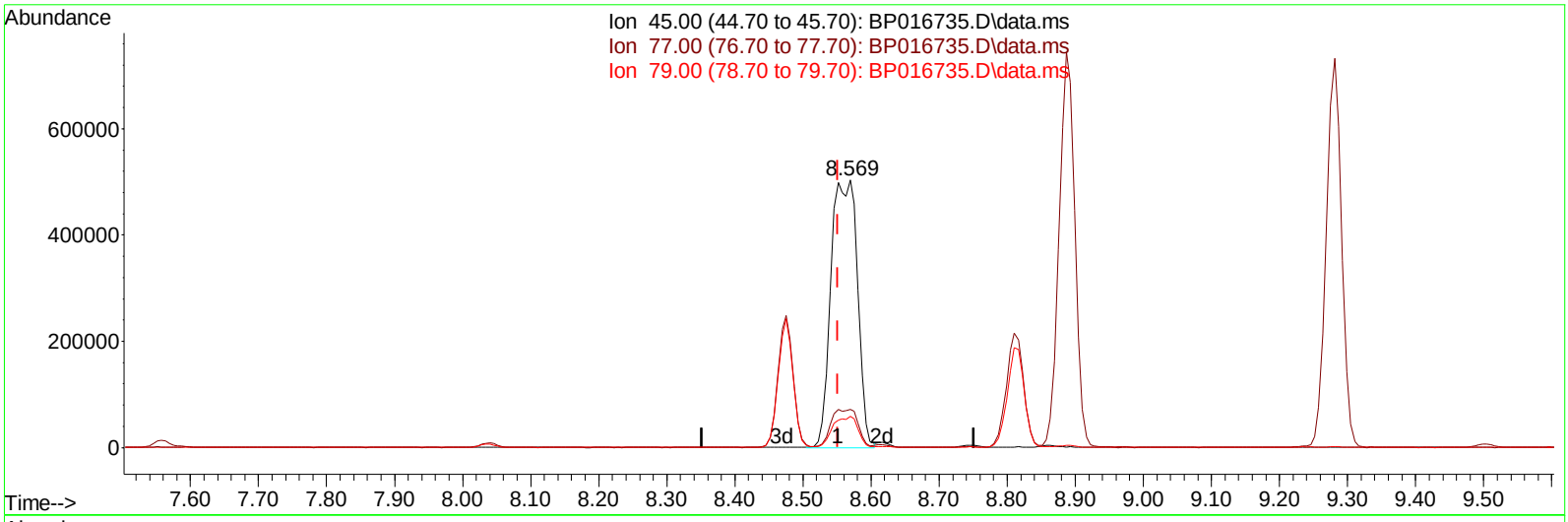

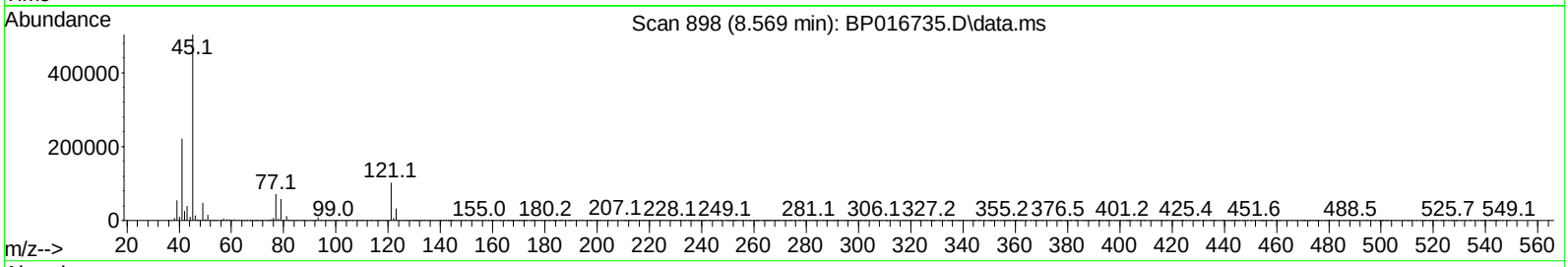

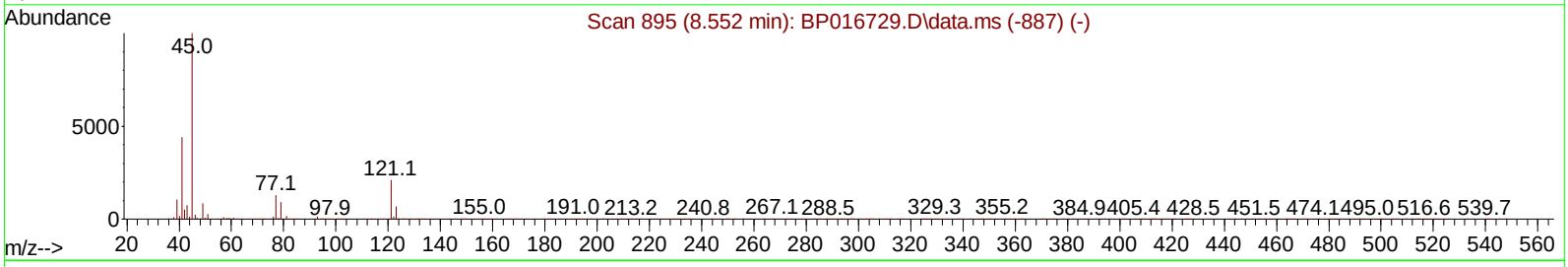

TIC: BP016735.D\data.ms

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

8.569min (+ 0.018) 32.89 ng/ul m

response 1359697

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	14.37
79.00	10.30	11.66
0.00	0.00	0.00

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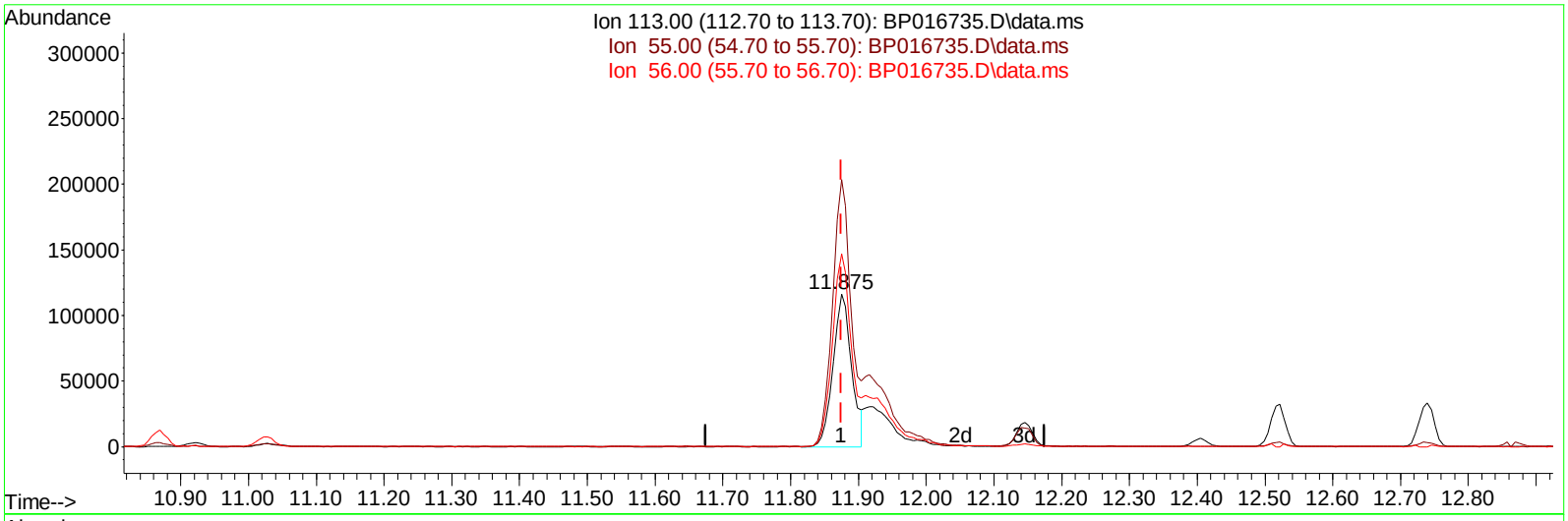

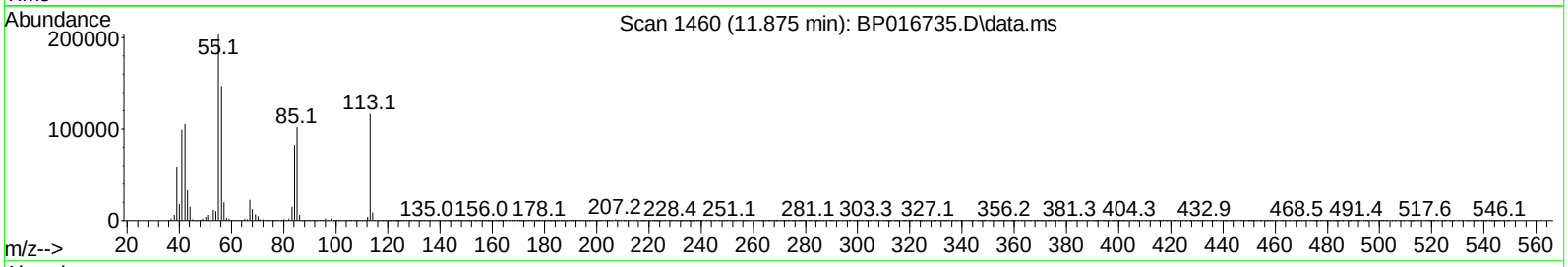

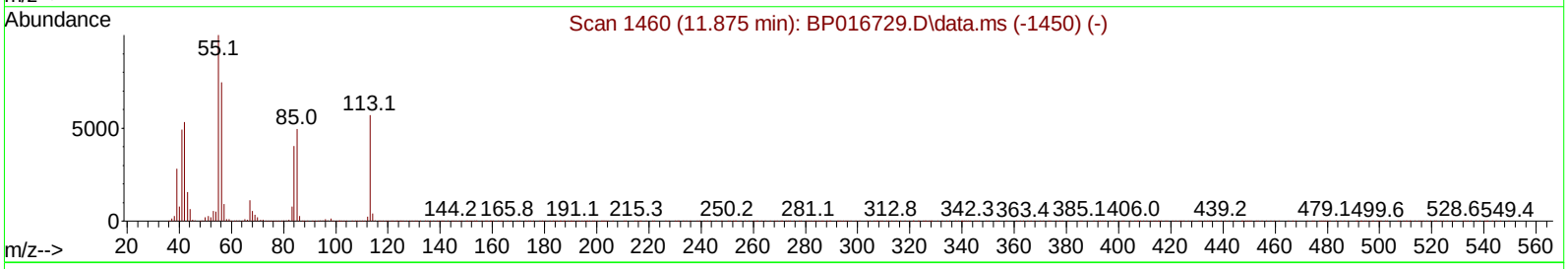

TIC: BP016735.D\data.ms

(34) Caprolactam

11.875min (-0.000) 24.17 ng/ul

response 222019

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	174.69
56.00	130.60	126.19
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 24 Aug 2023 20:12
Operator : MA/JU
Sample : PB154829BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 25 09:29:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 01:47:30 2023
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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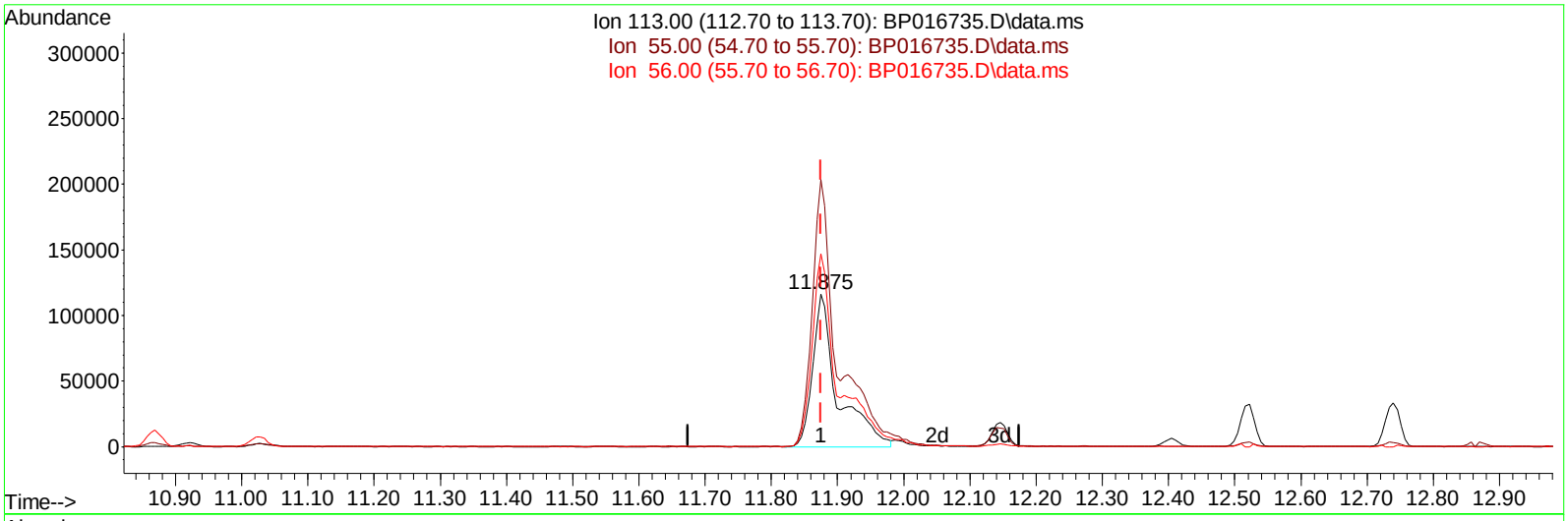

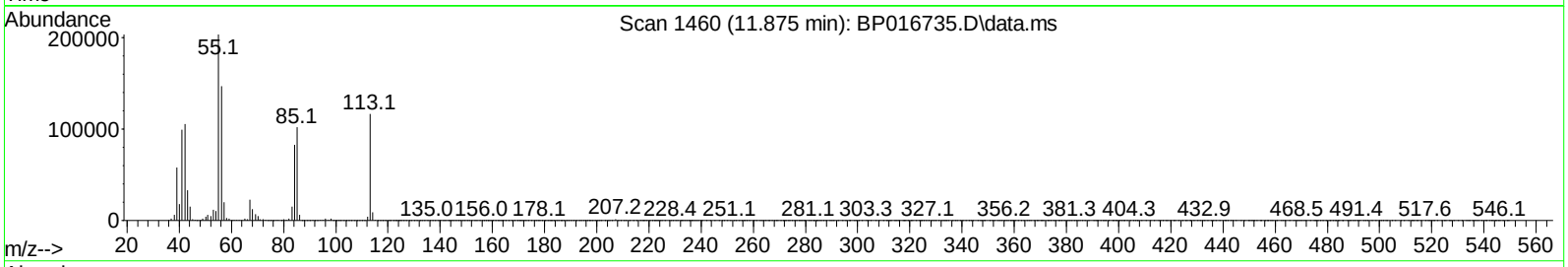

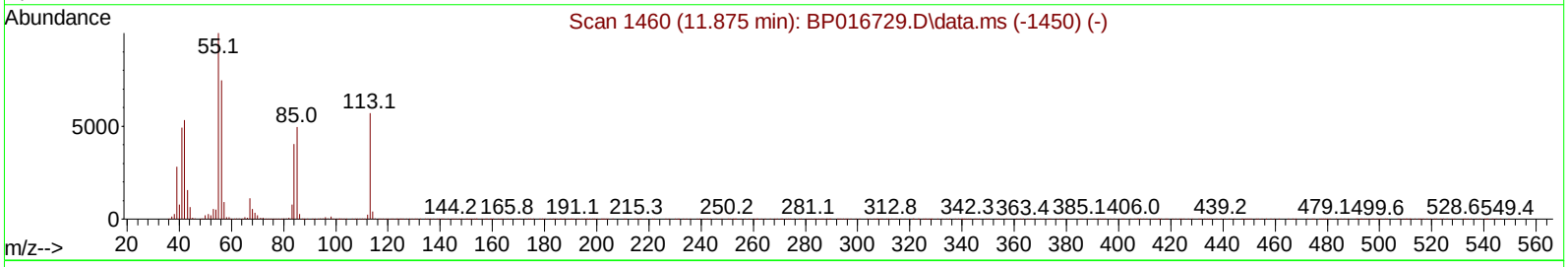

TIC: BP016735.D\data.ms

(34) Caprolactam

11.875min (-0.000) 33.34 ng/ul m

response 306204

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	174.69
56.00	130.60	126.19
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Aug 25 09:30:13 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/25/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	377321	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1668603	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	1043923	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	2282545	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	2031894	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1852677	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	76318	8.359	ng/uL	0.00
4) Pyridine-d5	3.822	84	900680	32.283	ng/ul	0.00
7) Phenol-d5	7.181	99	1155973	34.454	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	710219	33.213	ng/ul	0.00
11) 2-Chlorophenol-d4	7.558	132	853790	33.845	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	894278	32.651	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	436951	34.634	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	478416	35.975	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	869766	35.082	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	1177801	30.978	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	2642813	33.570	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	3031135	34.059	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	534980	32.877	ng/ul	0.00
60) Fluorene-d10	15.687	176	2257230	34.048	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	449243	33.049	ng/ul	0.00
73) Anthracene-d10	17.557	188	3448279	34.082	ng/ul	0.00
81) Pyrene-d10	19.786	212	4068721	36.460	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	3396884	36.603	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	141544	14.237	ng/uL	98
5) Pyridine	3.840	79	906622	31.547	ng/ul	99
6) Benzaldehyde	7.193	77	726607	39.601	ng/ul	99
8) Phenol	7.210	94	1240340	35.324	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.469	93	980437	34.592	ng/ul	99
12) 2-Chlorophenol	7.593	128	927548	35.972	ng/ul	98
13) 2-Methylphenol	8.475	108	913958	34.700	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.569	45	1359697m	32.887	ng/ul	
16) Acetophenone	8.887	105	1505127	35.440	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.863	70	805845	36.005	ng/ul	99
18) 4-Methylphenol	8.810	108	1010115	35.218	ng/ul	99
19) Hexachloroethane	9.110	117	373225	34.787	ng/ul	98
22) Nitrobenzene	9.281	77	1158438	35.791	ng/ul	99
23) Isophorone	9.799	82	2256779	35.900	ng/ul	99
25) 2-Nitrophenol	9.987	139	545151	37.074	ng/ul	98
26) 2,4-Dimethylphenol	10.022	107	942066	31.876	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.281	93	1381886	35.631	ng/ul	99
29) 2,4-Dichlorophenol	10.504	162	909253	36.511	ng/ul	99
30) Naphthalene	10.922	128	3056920	35.366	ng/ul	99
32) 4-Chloroaniline	11.051	127	1196690	32.028	ng/ul	99
33) Hexachlorobutadiene	11.151	225	529447	34.513	ng/ul	99
34) Caprolactam	11.875	113	306204m	33.341	ng/ul	
35) 4-Chloro-3-methylphenol	12.146	107	1030488	36.899	ng/ul	100

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SLCS829

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.522	142	2082578	34.906	ng/ul	100
37) 1-Methylnaphthalene	12.740	142	2087794	34.702	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.869	216	1054601	35.445	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	542328	24.786	ng/ul	100
41) 2,4,6-Trichlorophenol	13.116	196	735833	37.035	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	813658	37.845	ng/ul	98
43) 1,1'-Biphenyl	13.528	154	2824157	36.386	ng/ul	100
44) 2-Chloronaphthalene	13.575	162	2194950	35.823	ng/ul	99
45) 2-Nitroaniline	13.804	65	710372	38.229	ng/ul	97
47) Dimethylphthalate	14.151	163	2867349	35.963	ng/ul	100
48) 2,6-Dinitrotoluene	14.292	165	603099	38.603	ng/ul	99
50) Acenaphthylene	14.422	152	3444094	33.811	ng/ul	100
51) 3-Nitroaniline	14.628	138	628523	38.635	ng/ul	98
52) Acenaphthene	14.757	153	2409424	35.754	ng/ul	100
53) 2,4-Dinitrophenol	14.828	184	333665	29.391	ng/ul	99
55) 4-Nitrophenol	14.916	109	430799	35.056	ng/ul	99
56) Dibenzofuran	15.092	168	3317741	35.881	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	878857	38.218	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.304	232	678150	37.050	ng/ul	99
59) Diethylphthalate	15.504	149	2926681	36.133	ng/ul	99
61) Fluorene	15.739	166	2768467	35.795	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	1363864	35.917	ng/ul	98
63) 4-Nitroaniline	15.798	138	639218	41.293	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.822	198	491345	33.527	ng/ul	96
67) N-Nitrosodiphenylamine	15.957	169	2342896	37.112	ng/ul	100
68) 4-Bromophenyl-phenylether	16.634	248	806548	36.856	ng/ul	96
69) Hexachlorobenzene	16.716	284	881634	35.981	ng/ul	98
70) Atrazine	16.910	200	776347	32.618	ng/ul	98
71) Pentachlorophenol	17.081	266	564774	31.051	ng/ul	99
72) Phenanthrene	17.498	178	4427702	36.847	ng/ul	99
74) Anthracene	17.592	178	4302181	35.408	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	1046064	34.227	ng/uL	98
76) Pentachlorobenzene	14.981	250	998995	36.576	ng/uL	99
77) Carbazole	17.875	167	4120201	37.652	ng/ul	100
78) Di-n-butylphthalate	18.381	149	5116510	37.477	ng/ul	100
80) Fluoranthene	19.457	202	5212220	38.881	ng/ul	99
82) Pyrene	19.816	202	5319391	38.415	ng/ul	99
83) Butylbenzylphthalate	20.674	149	2410286	40.360	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.474	252	1671378	38.484	ng/ul	98
85) Benzo(a)anthracene	21.533	228	5086056	36.340	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	3488007	40.001	ng/ul	99
87) Chrysene	21.592	228	4743223	37.309	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	5758515	41.274	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	4784104	40.438	ng/ul	100
91) Benzo(k)fluoranthene	23.374	252	4539294	38.796	ng/ul	99
93) Benzo(a)pyrene	24.010	252	3900441	36.449	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.862	276	4114363	37.626	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	3428363	37.747	ng/ul	100
96) Benzo(g,h,i)perylene	27.715	276	3155074	38.058	ng/ul	100

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

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