Quantitation Report (Qedit)

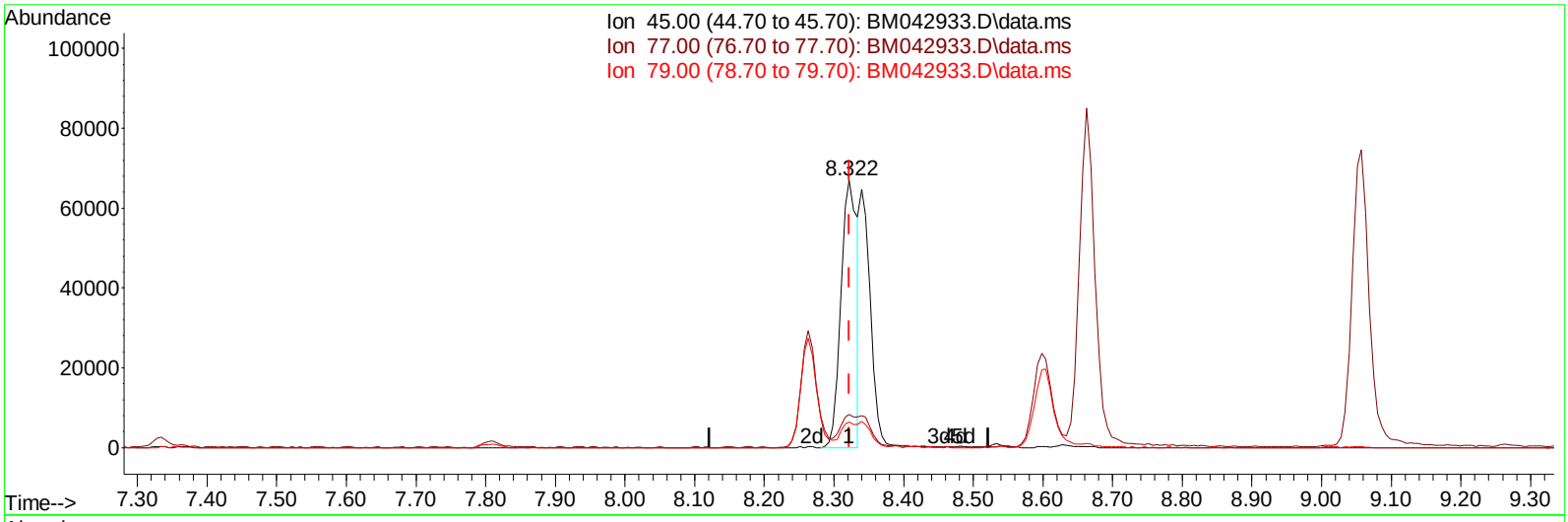
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042933.D
Acq On : 20 Nov 2023 18:06
Operator : MA/JU
Sample : PB156867BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

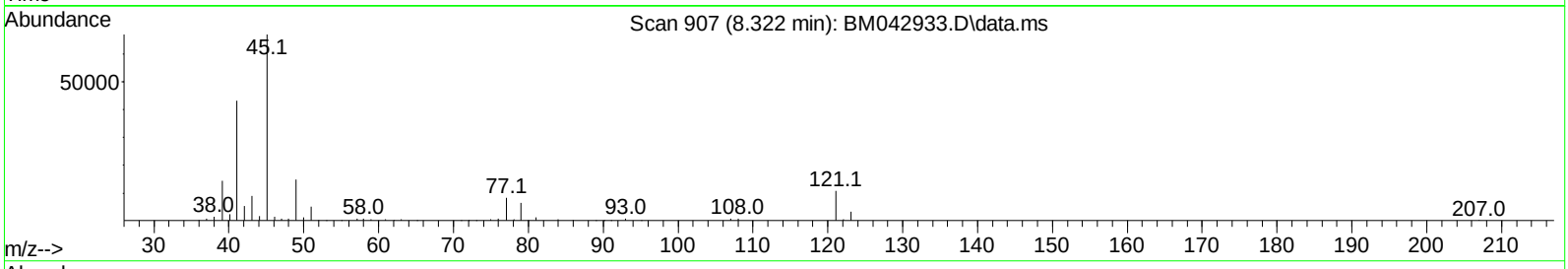
Quant Time: Nov 20 22:57:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

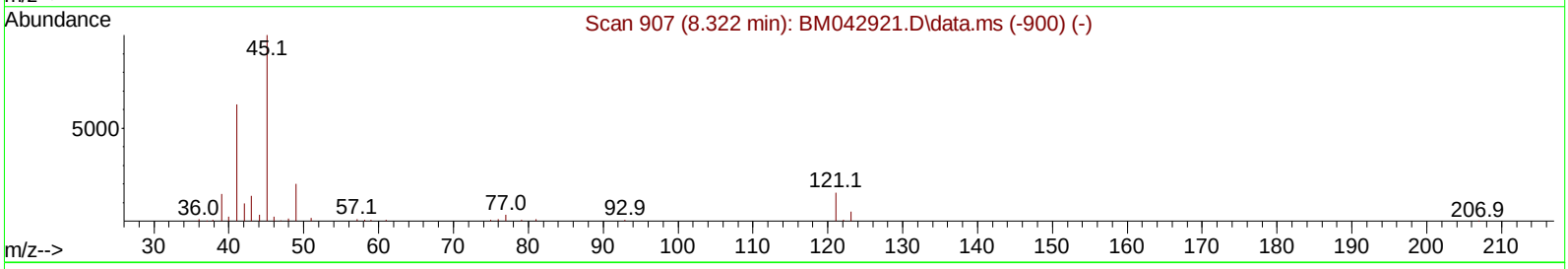
Instrument :
BNA_M
ClientSampleId :
SLCS867

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023







TIC: BM042933.D\data.ms

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

8.322min (+ 0.000) 19.54 ng/ul

response 108656

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	12.39
79.00	10.20	9.65
0.00	0.00	0.00

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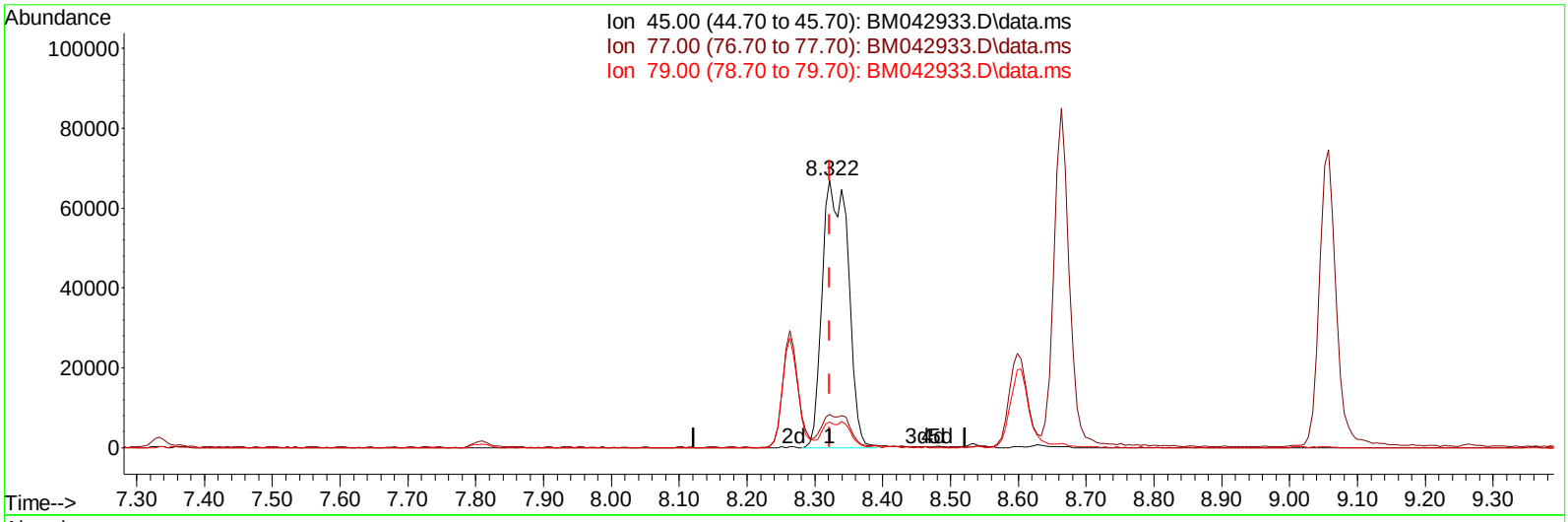

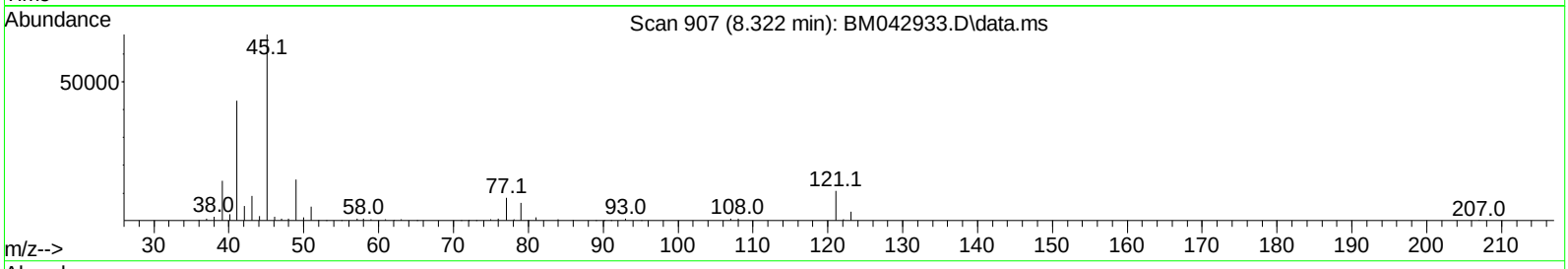

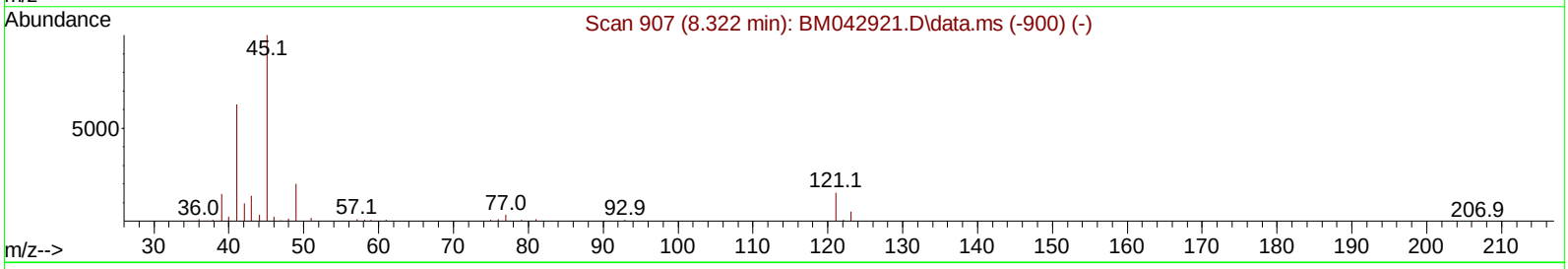

TIC: BM042933.D\data.ms

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

8.322min (+ 0.000) 31.92 ng/ul m

response 177493

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	12.39
79.00	10.20	9.65
0.00	0.00	0.00

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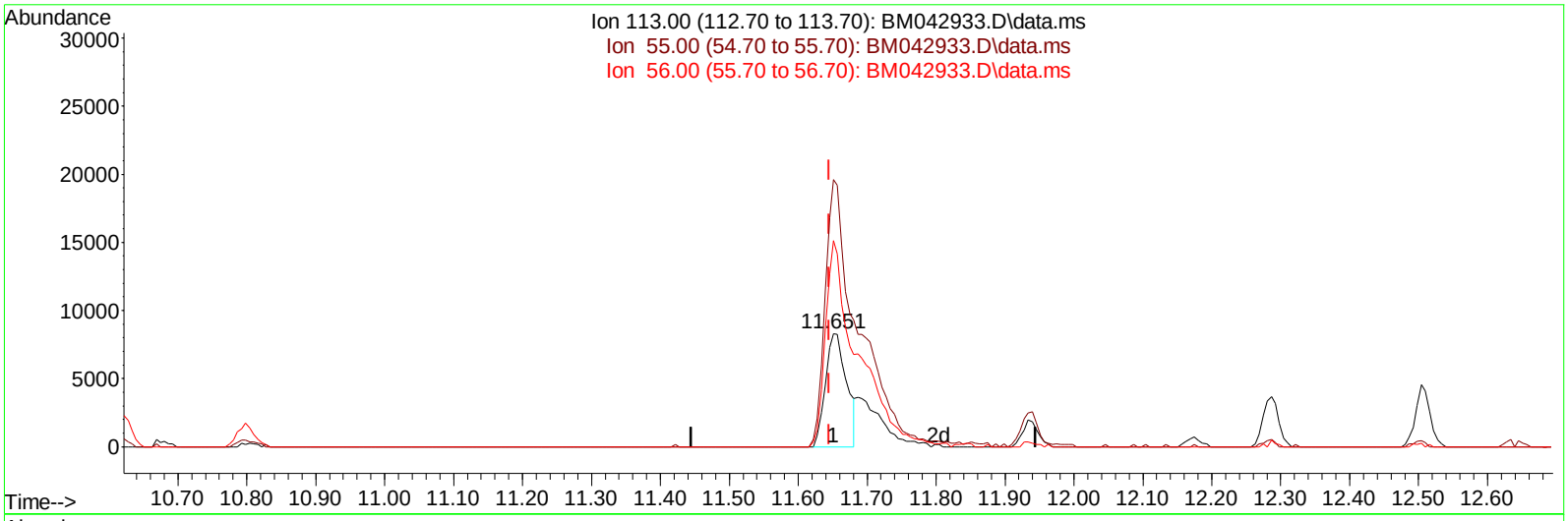

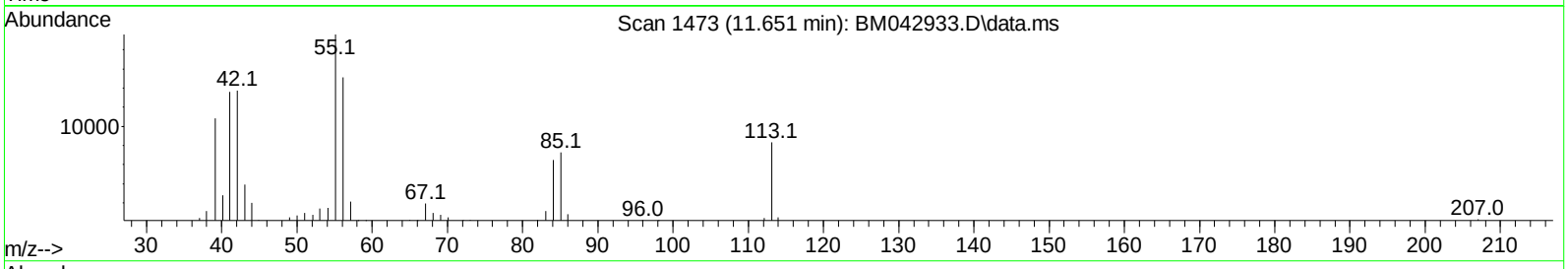

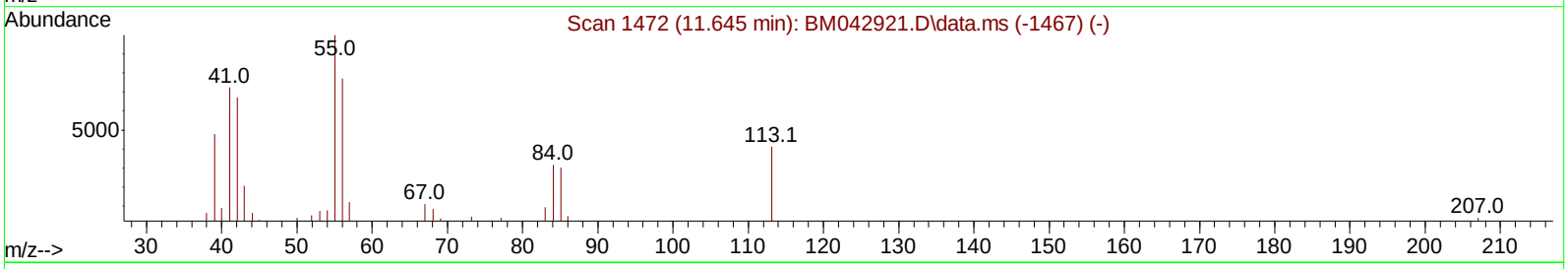

TIC: BM042933.D\data.ms

(34) Caprolactam

11.651min (+ 0.006) 22.07 ng/ul

response 17773

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	236.08
56.00	167.90	182.08
0.00	0.00	0.00

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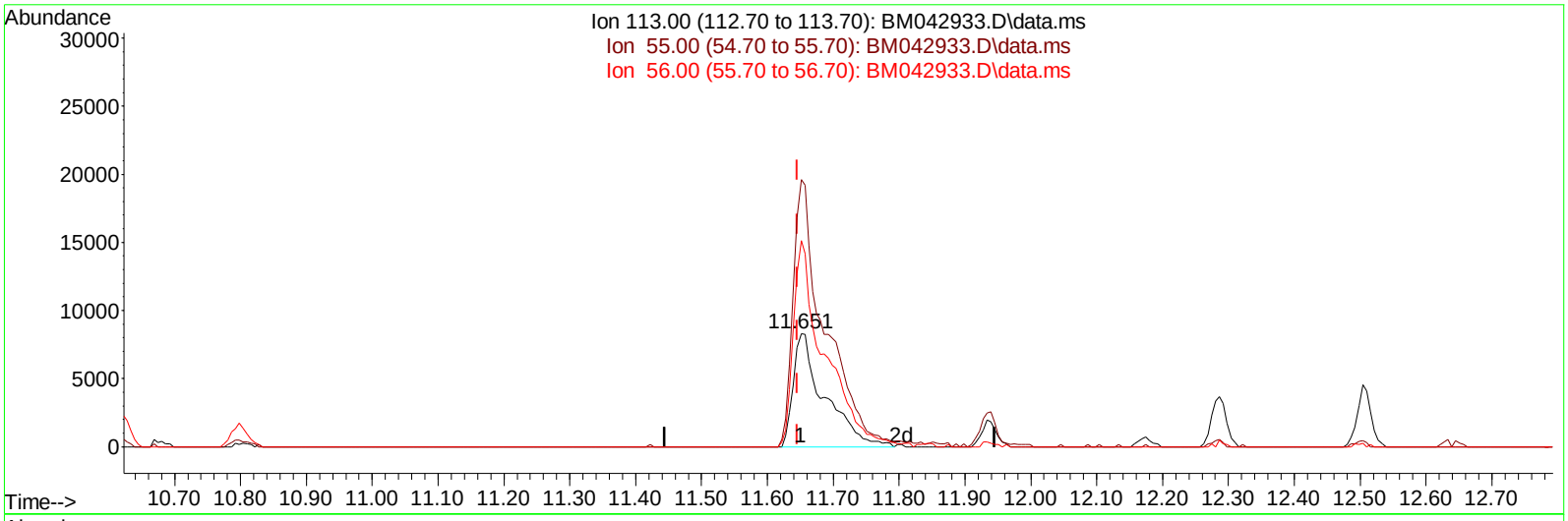

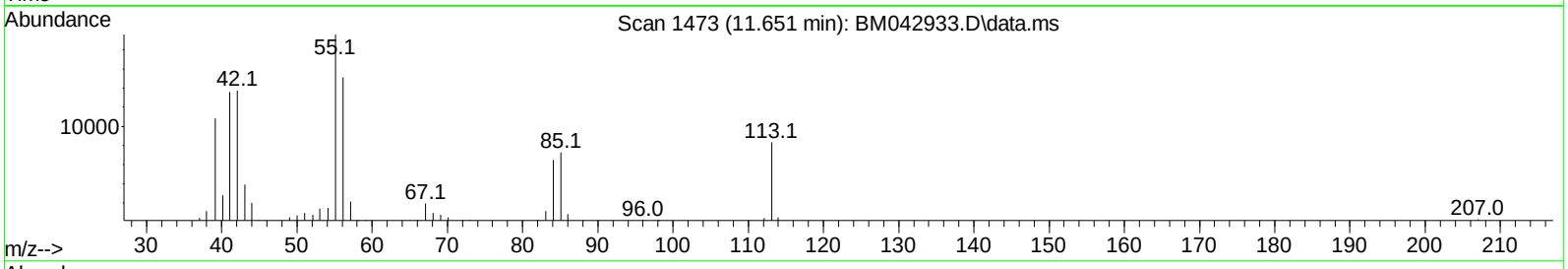

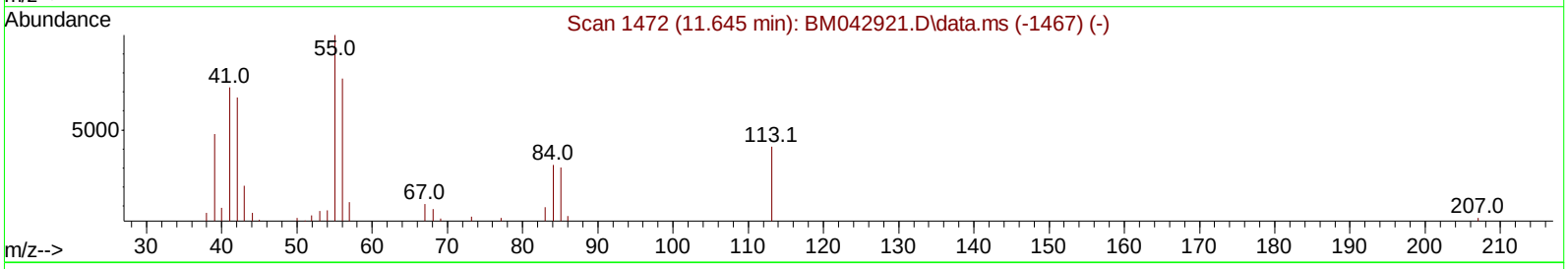

TIC: BM042933.D\data.ms

(34) Caprolactam

11.651min (+ 0.006) 33.74 ng/ul m

response 27169

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	236.08
56.00	167.90	182.08
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/21/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	38195	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	150413	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	98790	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	219194	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	256301	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	280072	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	5646	4.638	ng/uL	0.00
4) Pyridine-d5	3.605	84	84770	27.997	ng/ul	0.00
7) Phenol-d5	6.981	99	107405	28.893	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	76886	29.435	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	78980	27.535	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	79810	27.267	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	37252	28.248	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	42598	27.613	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	84104	29.320	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	96868	26.597	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	250546	26.797	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	282247	28.214	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	30195	28.585	ng/ul	0.00
60) Fluorene-d10	15.463	176	220492	28.478	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	26382	15.890	ng/ul	0.00
73) Anthracene-d10	17.321	188	349148	28.422	ng/ul	0.00
81) Pyrene-d10	19.621	212	451489	26.901	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	486635	29.048	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	13165	10.156	ng/uL#	87
5) Pyridine	3.628	79	98133	29.805	ng/ul	99
6) Benzaldehyde	6.975	77	74023	34.707	ng/ul	92
8) Phenol	7.010	94	114987	31.098	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.257	93	89600	29.335	ng/ul	92
12) 2-Chlorophenol	7.363	128	84764	29.694	ng/ul	91
13) 2-Methylphenol	8.263	108	80263	29.109	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	177493m	31.922	ng/ul	
16) Acetophenone	8.663	105	139530	28.351	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.634	70	86410	28.842	ng/ul	96
18) 4-Methylphenol	8.598	108	88122	29.395	ng/ul	93
19) Hexachloroethane	8.863	117	43587	27.396	ng/ul	95
22) Nitrobenzene	9.057	77	125176	31.406	ng/ul	97
23) Isophorone	9.563	82	235819	29.706	ng/ul	97
25) 2-Nitrophenol	9.757	139	46673	29.778	ng/ul	98
26) 2,4-Dimethylphenol	9.798	107	83398	24.869	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.051	93	120696	30.088	ng/ul	95
29) 2,4-Dichlorophenol	10.275	162	84275	31.031	ng/ul	97
30) Naphthalene	10.675	128	274773	29.159	ng/ul	100
32) 4-Chloroaniline	10.822	127	100072	28.640	ng/ul	98
33) Hexachlorobutadiene	10.892	225	69570	29.000	ng/ul	96
34) Caprolactam	11.651	113	27169m	33.740	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	88856	30.533	ng/ul	96

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/21/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.286	142	183113	28.994	ng/ul	98
37) 1-Methylnaphthalene	12.504	142	186861	28.141	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.639	216	121147	31.269	ng/ul	97
40) Hexachlorocyclopentadiene	12.575	237	20810	11.345	ng/ul	96
41) 2,4,6-Trichlorophenol	12.904	196	73635	31.115	ng/ul	98
42) 2,4,5-Trichlorophenol	12.980	196	76753	33.588	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	249531	30.288	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	202619	30.571	ng/ul	97
45) 2-Nitroaniline	13.604	65	75906	35.117	ng/ul	90
47) Dimethylphthalate	13.939	163	265122	29.113	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	50655	29.608	ng/ul	94
50) Acenaphthylene	14.198	152	341788	30.491	ng/ul	99
51) 3-Nitroaniline	14.433	138	44118	31.535	ng/ul	97
52) Acenaphthene	14.533	153	231669	30.559	ng/ul	96
53) 2,4-Dinitrophenol	14.651	184	11988	14.092	ng/ul	84
55) 4-Nitrophenol	14.739	109	51450	30.951	ng/ul	94
56) Dibenzofuran	14.869	168	318316	30.252	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	78520	31.261	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.092	232	72473	30.552	ng/ul#	98
59) Diethylphthalate	15.292	149	272077	28.492	ng/ul	98
61) Fluorene	15.521	166	280841	31.437	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	151037	31.371	ng/ul	99
63) 4-Nitroaniline	15.604	138	43240	33.902	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.633	198	27763	16.424	ng/ul	90
67) N-Nitrosodiphenylamine	15.739	169	215205	31.304	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	90321	30.957	ng/ul	92
69) Hexachlorobenzene	16.492	284	108595	30.446	ng/ul	96
70) Atrazine	16.692	200	78312	29.573	ng/ul	96
71) Pentachlorophenol	16.863	266	58662	28.561	ng/ul	99
72) Phenanthrene	17.268	178	425807	31.095	ng/ul	99
74) Anthracene	17.357	178	425661	30.904	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.257	216	121140	31.255	ng/uL	99
76) Pentachlorobenzene	14.763	250	131447	32.322	ng/uL	99
77) Carbazole	17.651	167	359527	31.612	ng/ul	100
78) Di-n-butylphthalate	18.168	149	501039	30.127	ng/ul	99
80) Fluoranthene	19.286	202	541110	28.276	ng/ul	100
82) Pyrene	19.651	202	585657	28.863	ng/ul	99
83) Butylbenzylphthalate	20.533	149	245196	28.292	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.339	252	187042	28.514	ng/ul	99
85) Benzo(a)anthracene	21.398	228	620235	30.828	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	391467	29.771	ng/ul	99
87) Chrysene	21.450	228	585501	30.007	ng/ul	100
89) Di-n-octyl phthalate	22.186	149	671341	29.674	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	617091	32.286	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	612196	30.089	ng/ul	99
93) Benzo(a)pyrene	23.668	252	577102	30.986	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.233	276	740915	32.009	ng/ul	98
95) Dibenzo(a,h)anthracene	26.238	278	617045	32.154	ng/ul	98
96) Benzo(g,h,i)perylene	26.997	276	566244	30.807	ng/ul	99

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

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