Quantitation Report (Qedit)

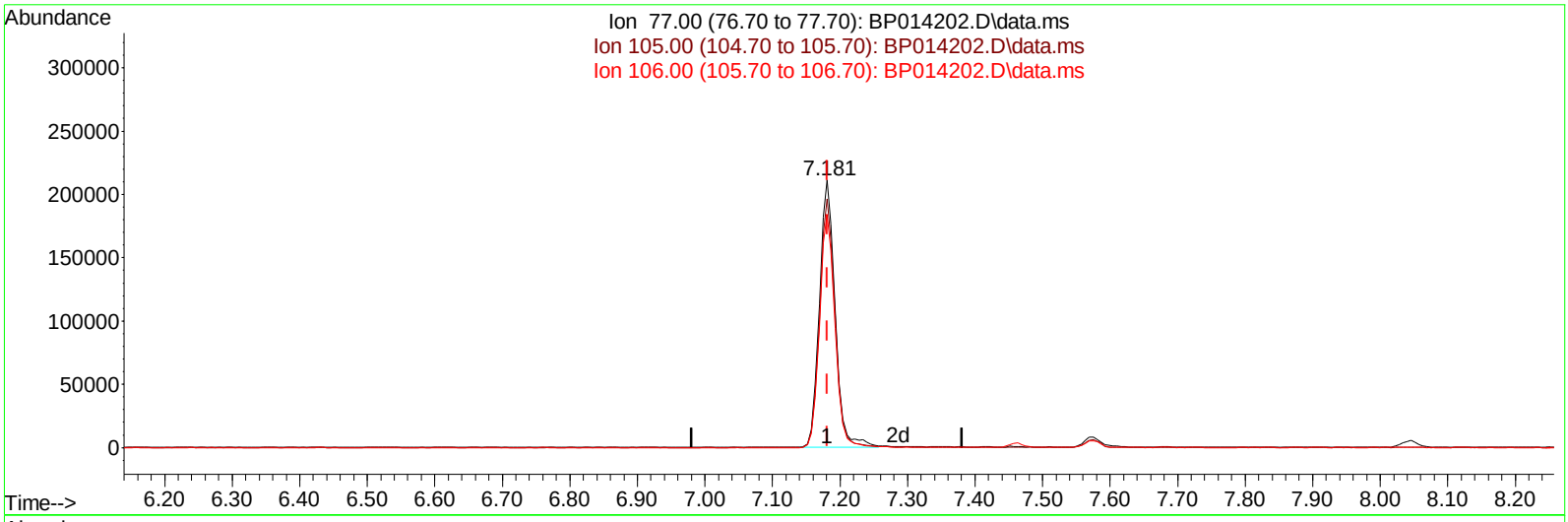
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014202.D
Acq On : 22 Mar 2023 04:00
Operator : CG/JU
Sample : PB151556BS
Misc :
ALS Vial : 73 Sample Multiplier: 1

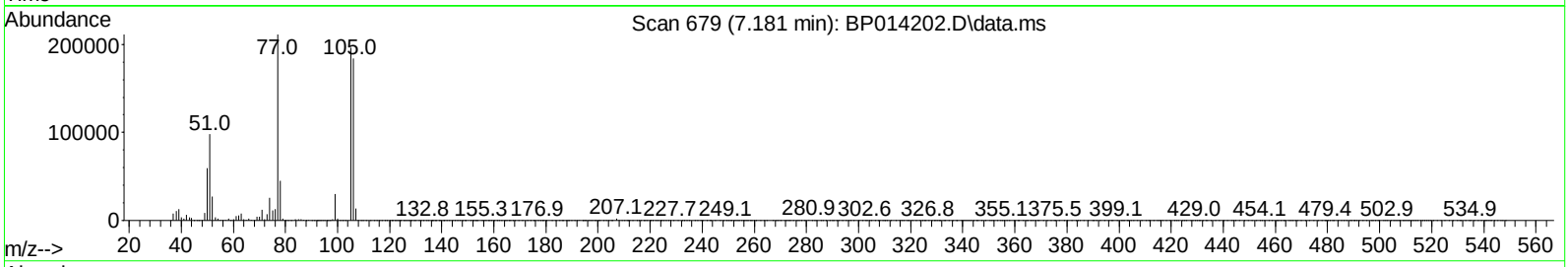
Quant Time: Mar 22 04:55:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 22 03:05:29 2023
Response via : Initial Calibration

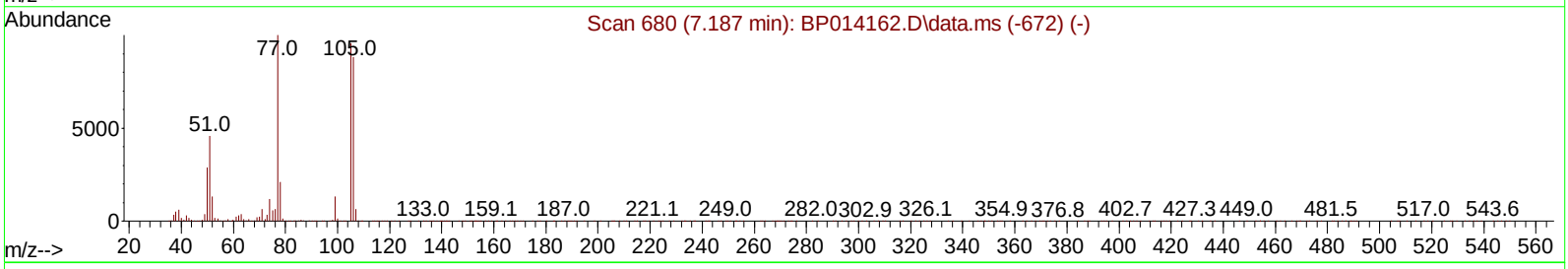
Instrument :
BNA_P
ClientSampleId :
SLCS556

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :mohammad ahmed 03/24/2023







TIC: BP014202.D\data.ms

(6) Benzaldehyde

7.181min (-0.000) 38.46 ng/ul

response 343771

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	93.03
106.00	87.30	87.13
0.00	0.00	0.00

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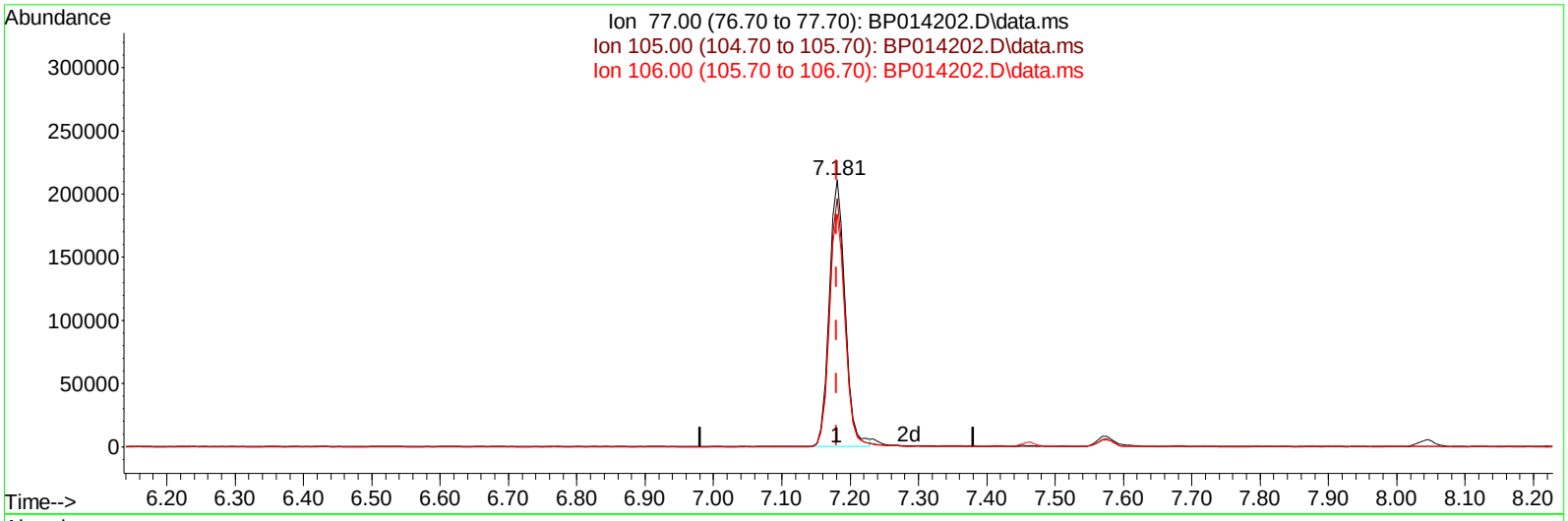

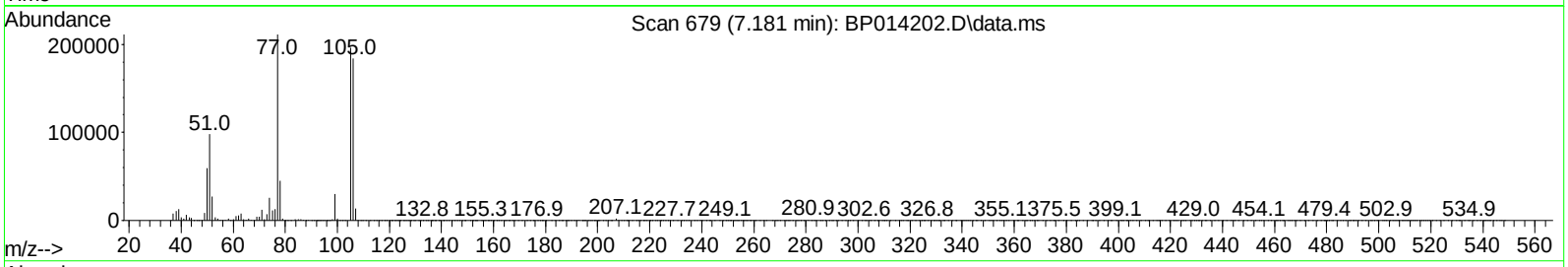

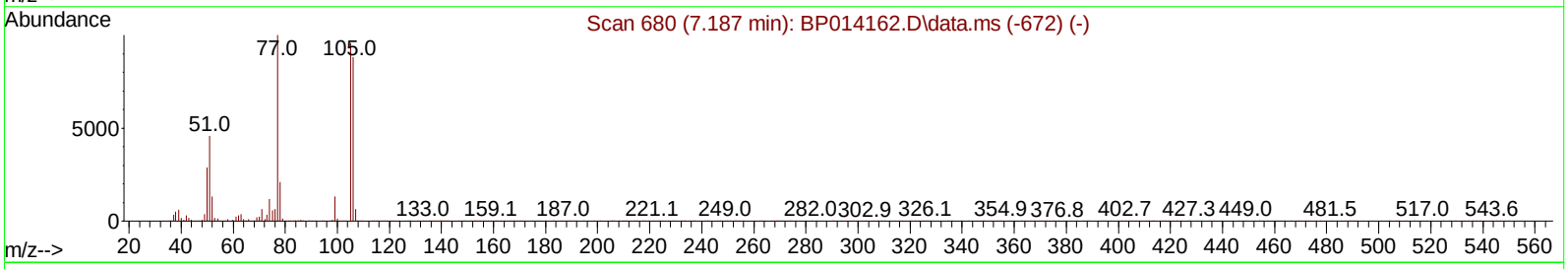

TIC: BP014202.D\data.ms

(6) Benzaldehyde

7.181min (-0.000) 37.90 ng/ul m

response 338720

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	93.03
106.00	87.30	87.13
0.00	0.00	0.00

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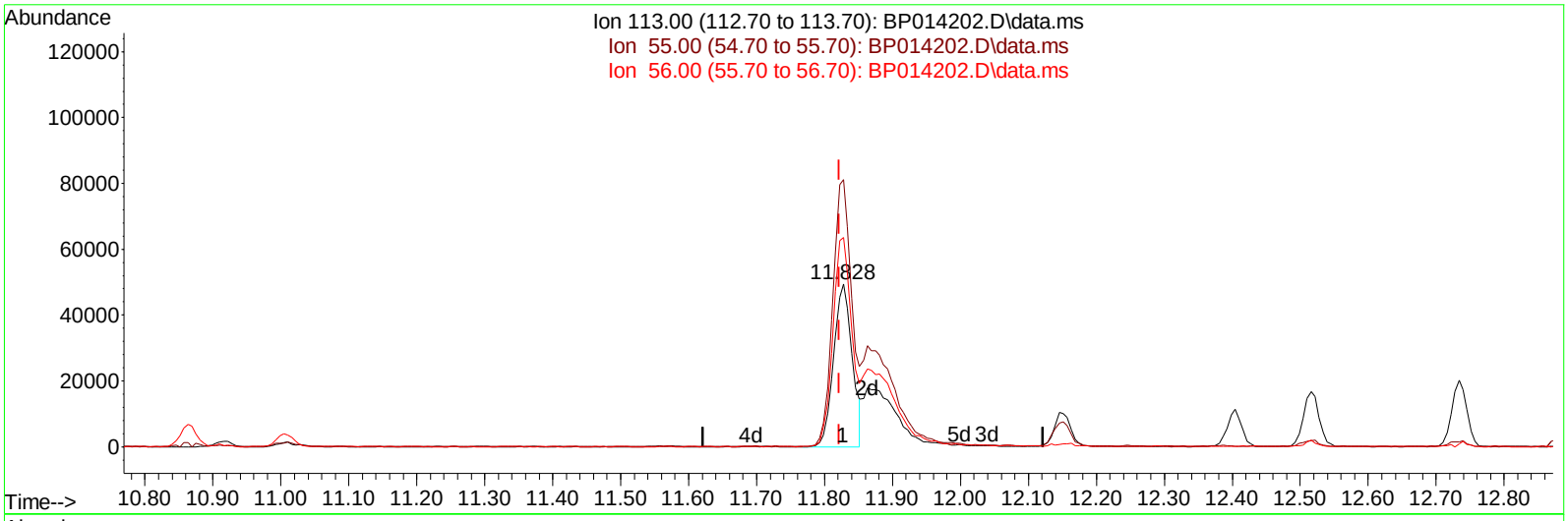

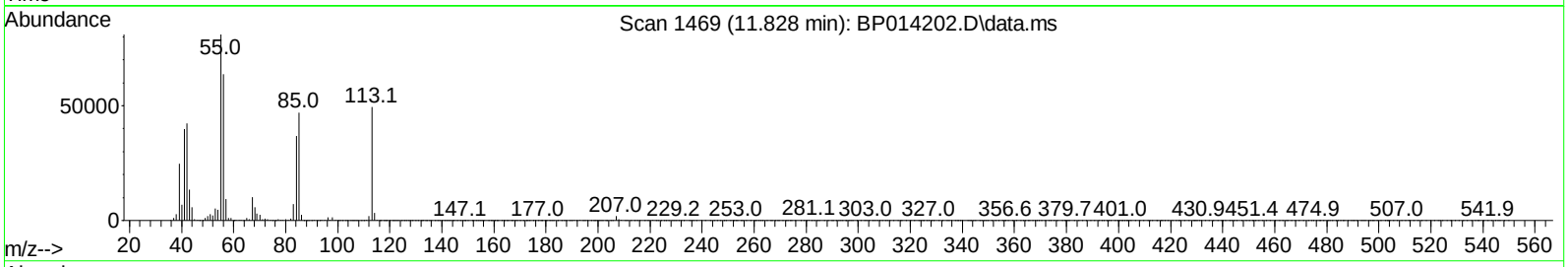

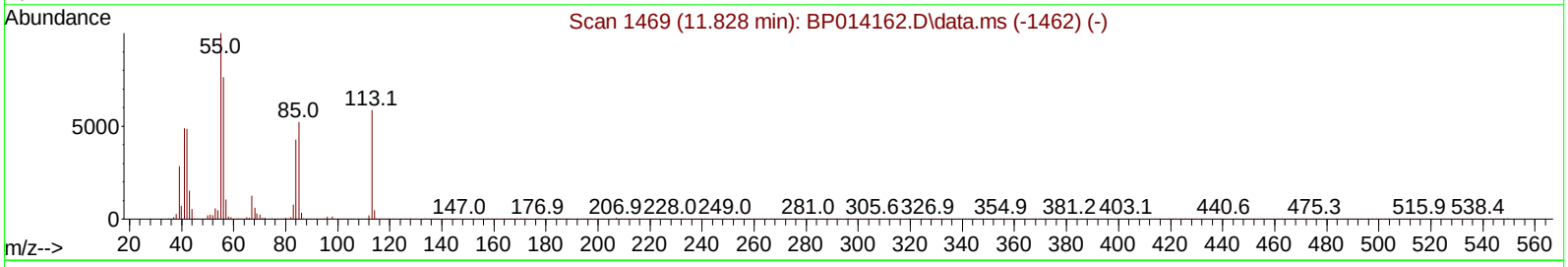

TIC: BP014202.D\data.ms

(34) Caprolactam

11.828min (+ 0.006) 19.01 ng/ul

response 94228

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	164.16
56.00	127.50	128.86
0.00	0.00	0.00

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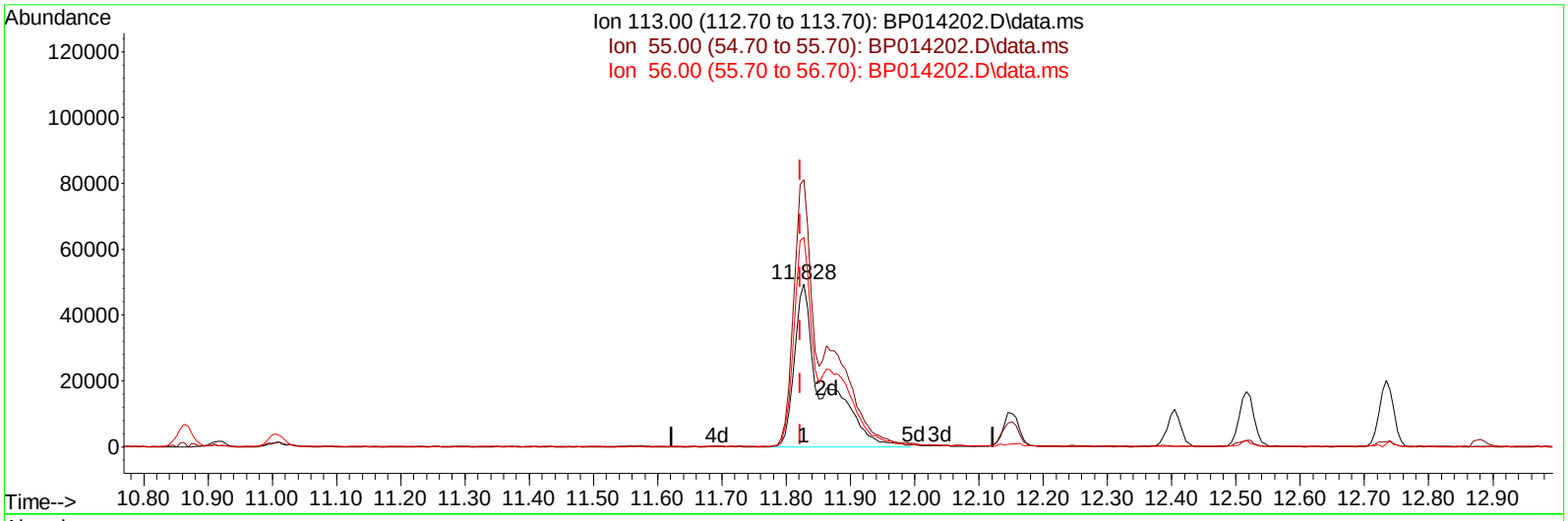

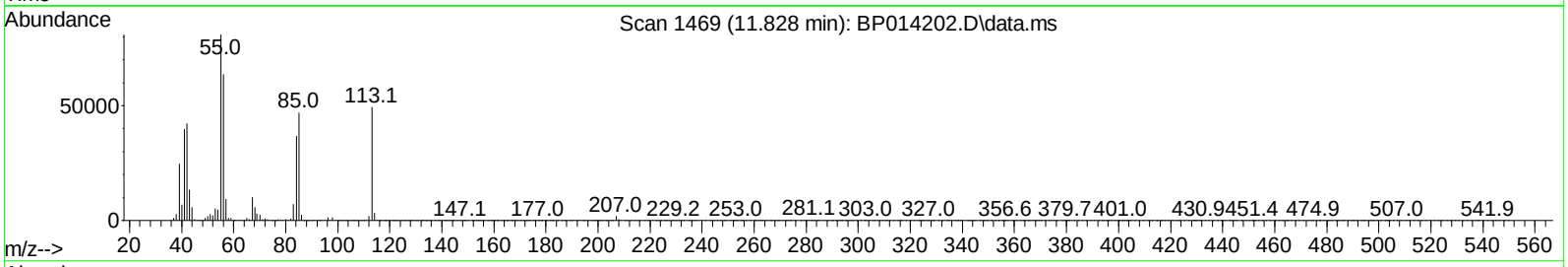

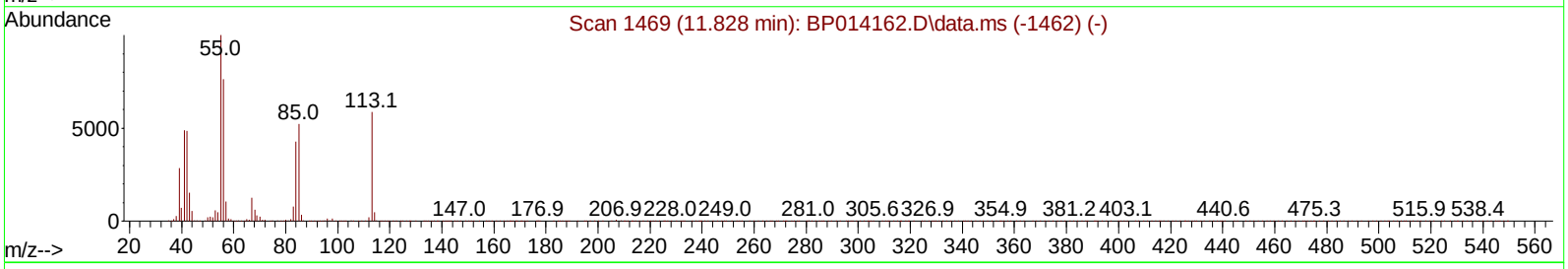

TIC: BP014202.D\data.ms

(34) Caprolactam

11.828min (+ 0.006) 31.44 ng/ul m

response 155814

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	164.16
56.00	127.50	128.86
0.00	0.00	0.00

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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	8.046	152	203549	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	861040	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.681	164	579784	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1339767	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	1237134	20.000	ng/ul	# 0.00
88) Perylene-d12	24.033	264	1075889	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	30235	5.612	ng/uL	0.00
4) Pyridine-d5	3.840	84	432712	29.009	ng/ul	0.00
7) Phenol-d5	7.205	99	598927	33.343	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	363939	34.741	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	445838	32.578	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	483076	32.924	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	229691	33.433	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	268091	32.599	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	490480	31.697	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	567564	27.716	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1517618	30.843	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1675657	32.147	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	260516	30.044	ng/ul	0.00
60) Fluorene-d10	15.675	176	1301350	31.207	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	296610	29.292	ng/ul	0.00
73) Anthracene-d10	17.539	188	2092075	32.166	ng/ul	0.00
81) Pyrene-d10	19.763	212	2488268	36.468	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	1920997	33.567	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	59752	10.274	ng/uL	92
5) Pyridine	3.864	79	412678	27.281	ng/ul	96
6) Benzaldehyde	7.181	77	338720m	37.898	ng/ul	
8) Phenol	7.234	94	603061	32.555	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.463	93	469864	33.108	ng/ul	99
12) 2-Chlorophenol	7.604	128	449851	32.625	ng/ul	96
13) 2-Methylphenol	8.493	108	450963	32.739	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.575	45	595930	38.883	ng/ul	98
16) Acetophenone	8.881	105	755506	31.874	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.863	70	403543	33.279	ng/ul	97
18) 4-Methylphenol	8.822	108	495361	32.696	ng/ul	97
19) Hexachloroethane	9.128	117	194667	32.235	ng/ul	95
22) Nitrobenzene	9.263	77	610162	33.201	ng/ul	99
23) Isophorone	9.793	82	1135593	32.087	ng/ul	97
25) 2-Nitrophenol	9.975	139	274191	32.349	ng/ul	95
26) 2,4-Dimethylphenol	10.034	107	559524	30.159	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.269	93	673717	32.910	ng/ul	99
29) 2,4-Dichlorophenol	10.516	162	470043	30.794	ng/ul	99
30) Naphthalene	10.916	128	1488807	31.488	ng/ul	100
32) 4-Chloroaniline	11.028	127	494087	23.977	ng/ul	99
33) Hexachlorobutadiene	11.193	225	344635	28.373	ng/ul	97
34) Caprolactam	11.828	113	155814m	31.438	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	567313	32.141	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/22/2023
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.516	142	1027512	30.983	ng/ul	99
37)	1-Methylnaphthalene	12.734	142	1044864	31.346	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.881	216	633855	30.232	ng/ul	98
40)	Hexachlorocyclopentadiene	12.851	237	344446	22.943	ng/ul	98
41)	2,4,6-Trichlorophenol	13.122	196	409704	31.108	ng/ul	99
42)	2,4,5-Trichlorophenol	13.198	196	451742	31.254	ng/ul	99
43)	1,1'-Biphenyl	13.516	154	1415940	31.721	ng/ul	98
44)	2-Chloronaphthalene	13.563	162	1138110	32.103	ng/ul	98
45)	2-Nitroaniline	13.775	65	381649	36.399	ng/ul	94
47)	Dimethylphthalate	14.139	163	1509347	30.990	ng/ul	99
48)	2,6-Dinitrotoluene	14.263	165	316152	32.833	ng/ul	99
50)	Acenaphthylene	14.410	152	1764537	32.257	ng/ul	100
51)	3-Nitroaniline	14.598	138	289028	33.901	ng/ul	93
52)	Acenaphthene	14.745	153	1225441	32.045	ng/ul	100
53)	2,4-Dinitrophenol	14.804	184	191884	26.685	ng/ul	96
55)	4-Nitrophenol	14.904	109	245252	26.184	ng/ul	81
56)	Dibenzofuran	15.081	168	1717597	30.874	ng/ul	100
57)	2,4-Dinitrotoluene	15.051	165	467393	32.488	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.310	232	408364	29.531	ng/ul	98
59)	Diethylphthalate	15.498	149	1553627	31.451	ng/ul	99
61)	Fluorene	15.733	166	1430847	31.027	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.722	204	761276	29.909	ng/ul	99
63)	4-Nitroaniline	15.763	138	325370	37.127	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.816	198	287107	29.719	ng/ul	98
67)	N-Nitrosodiphenylamine	15.939	169	1230842	32.529	ng/ul	99
68)	4-Bromophenyl-phenylether	16.616	248	495899	30.618	ng/ul	98
69)	Hexachlorobenzene	16.739	284	573644	30.056	ng/ul	98
70)	Atrazine	16.892	200	383924	23.524	ng/ul	99
71)	Pentachlorophenol	17.086	266	336708	26.989	ng/ul	98
72)	Phenanthrene	17.480	178	2331992	31.913	ng/ul	100
74)	Anthracene	17.575	178	2370769	31.997	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.487	216	642355	31.241	ng/uL	98
76)	Pentachlorobenzene	14.998	250	656730	30.748	ng/uL	99
77)	Carbazole	17.845	167	2110819	32.298	ng/ul	100
78)	Di-n-butylphthalate	18.369	149	2787264	34.125	ng/ul	99
80)	Fluoranthene	19.433	202	2887126	37.123	ng/ul#	95
82)	Pyrene	19.792	202	2956735	36.445	ng/ul	96
83)	Butylbenzylphthalate	20.645	149	1338211	40.908	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.427	252	934949	29.522	ng/ul	98
85)	Benzo(a)anthracene	21.498	228	2842373	32.665	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.398	149	1954340	39.960	ng/ul	100
87)	Chrysene	21.557	228	2648285	31.935	ng/ul	100
89)	Di-n-octyl phthalate	22.357	149	3247213	47.832	ng/ul	100
90)	Benzo(b)fluoranthene	23.257	252	2450026	34.175	ng/ul	99
91)	Benzo(k)fluoranthene	23.310	252	2434558	35.613	ng/ul	99
93)	Benzo(a)pyrene	23.921	252	2041818	32.744	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.674	276	2408442	29.177	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.686	278	2018430	29.420	ng/ul	98
96)	Benzo(g,h,i)perylene	27.492	276	1919683	29.095	ng/ul	99

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

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