Quantitation Report (Qedit)

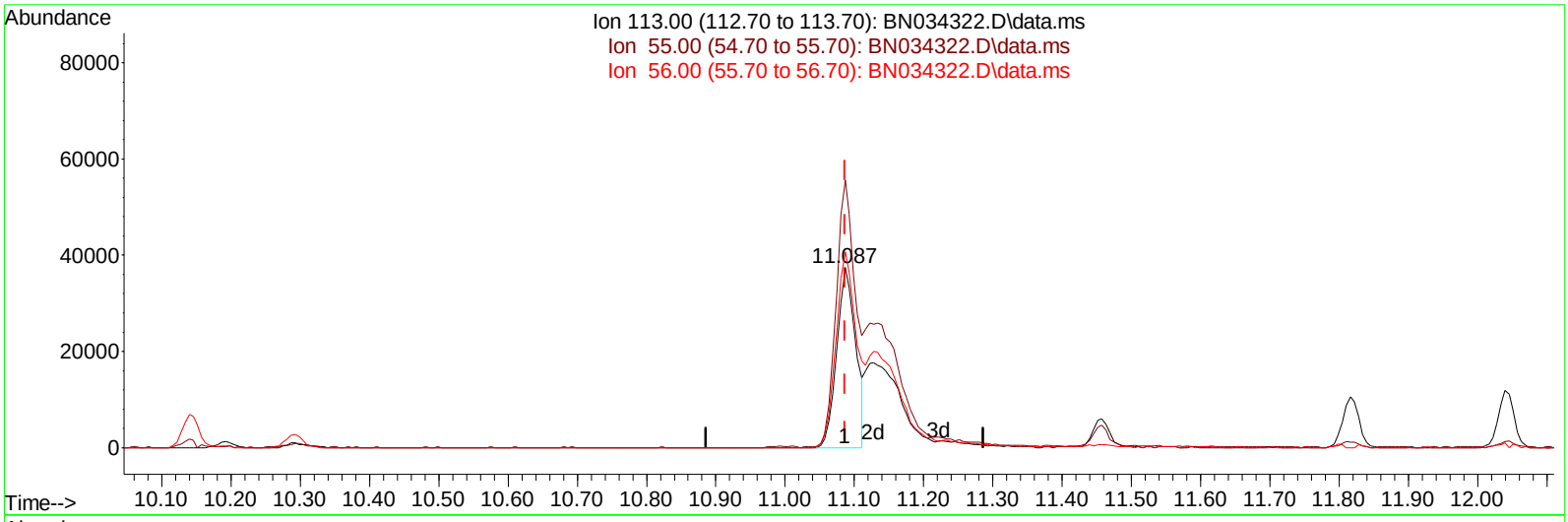
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
Data File : BN034322.D
Acq On : 02 Oct 2024 05:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

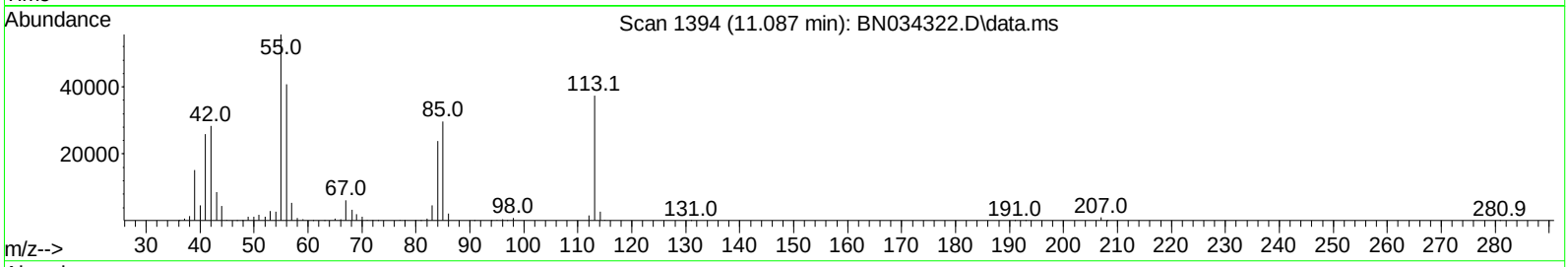
Quant Time: Oct 02 05:35:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

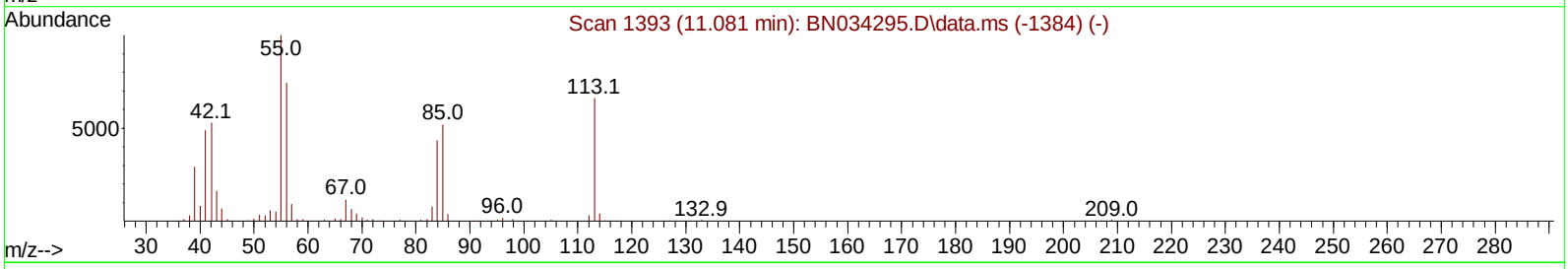
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024







TIC: BN034322.D\data.ms

(34) Caprolactam

11.087min (-0.000) 10.53 ng/ul

response 70585

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	148.40
56.00	124.60	108.65
0.00	0.00	0.00

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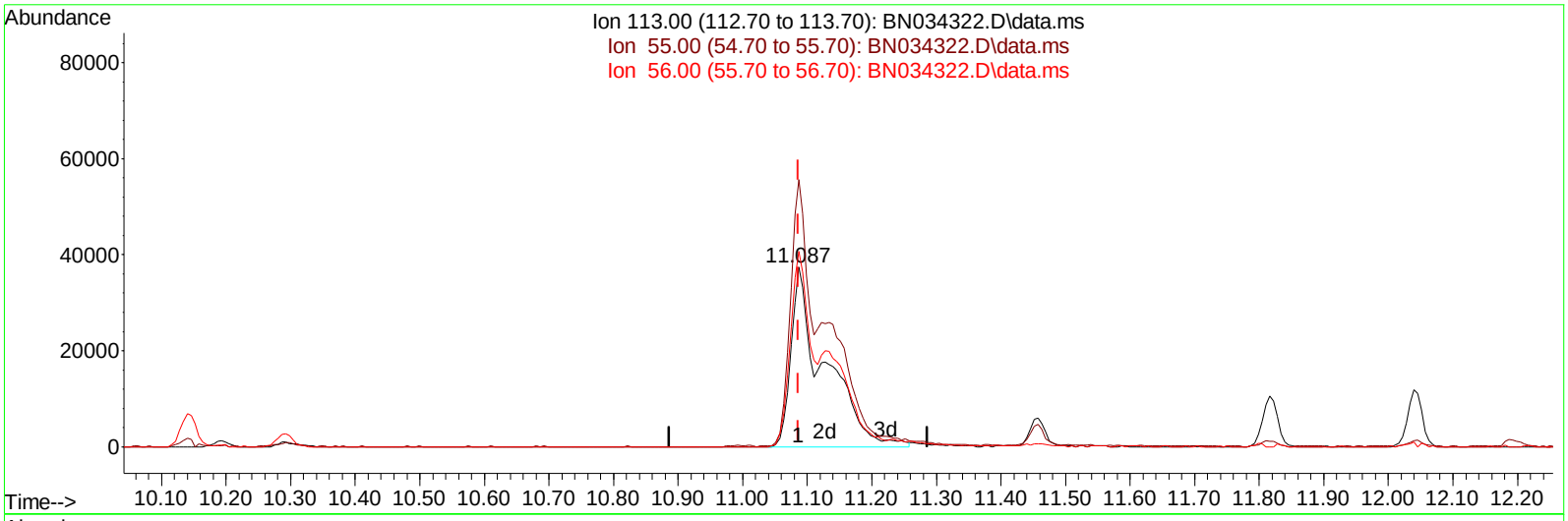

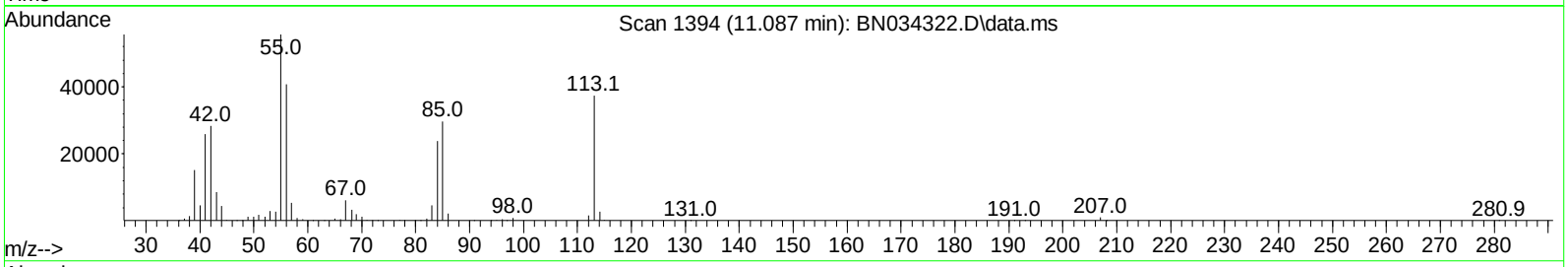

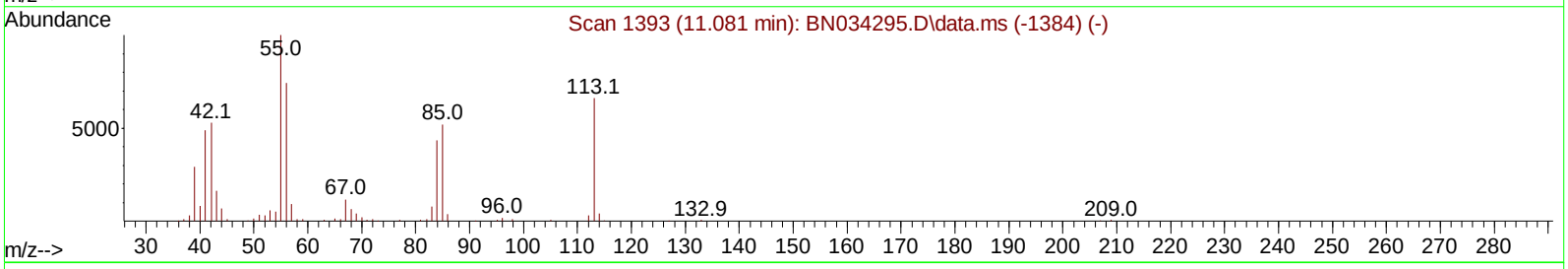

TIC: BN034322.D\data.ms

(34) Caprolactam

11.087min (-0.000) 20.27 ng/ul m

response 135836

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	148.40
56.00	124.60	108.65
0.00	0.00	0.00

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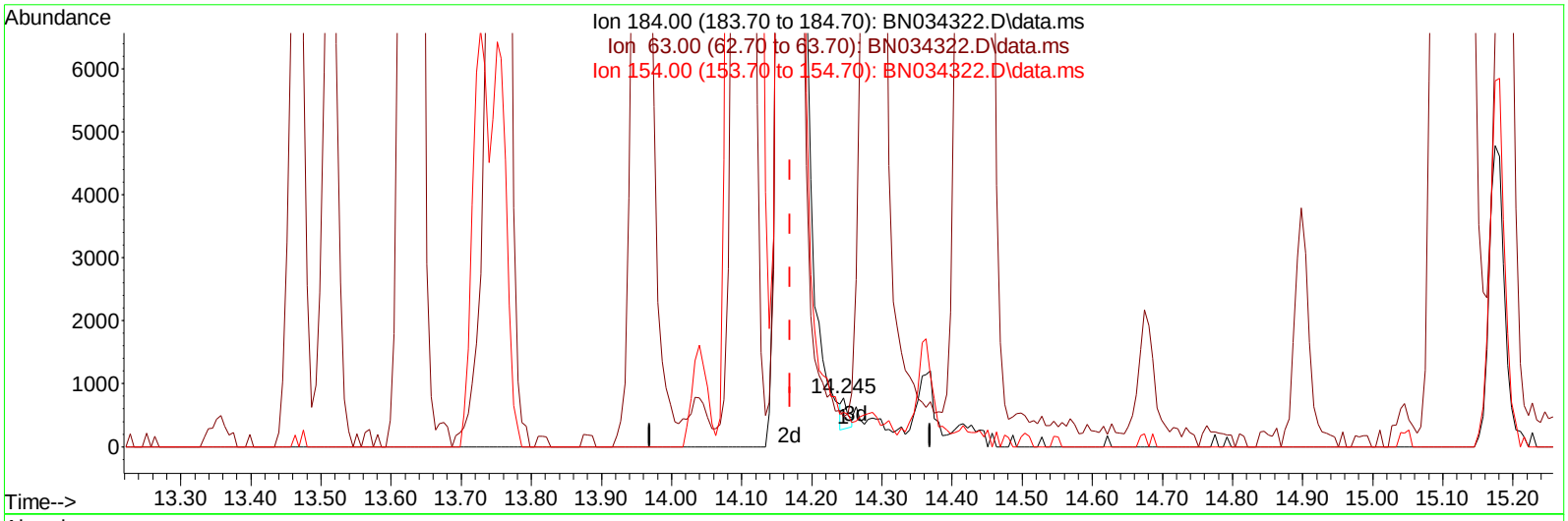

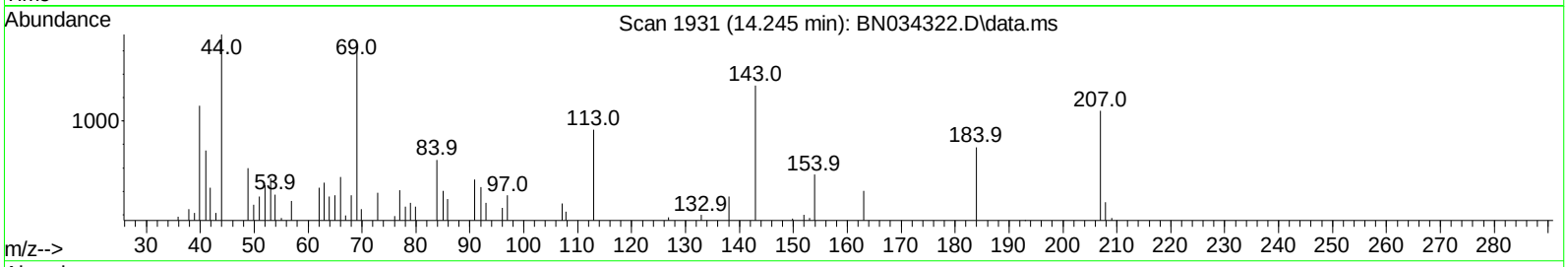

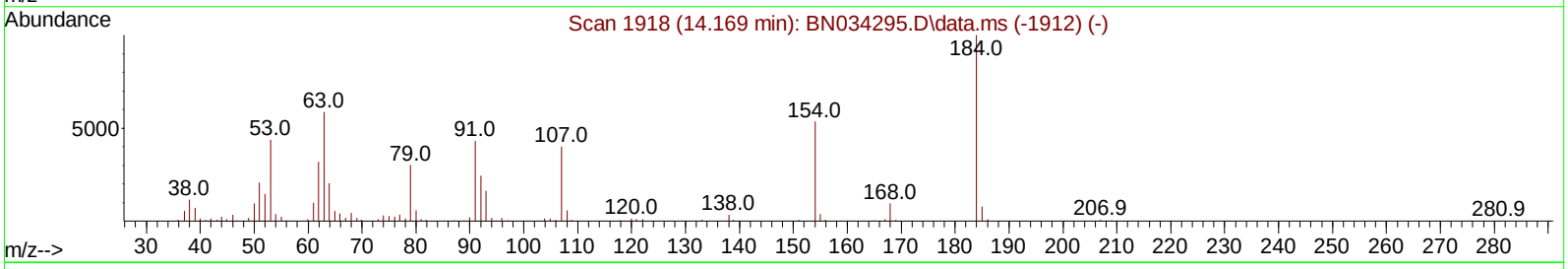

TIC: BN034322.D\data.ms

(53) 2,4-Dinitrophenol

14.245min (+ 0.076) 0.05 ng/ul

response 302

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	76.40	61.31
154.00	73.10	69.92
0.00	0.00	0.00

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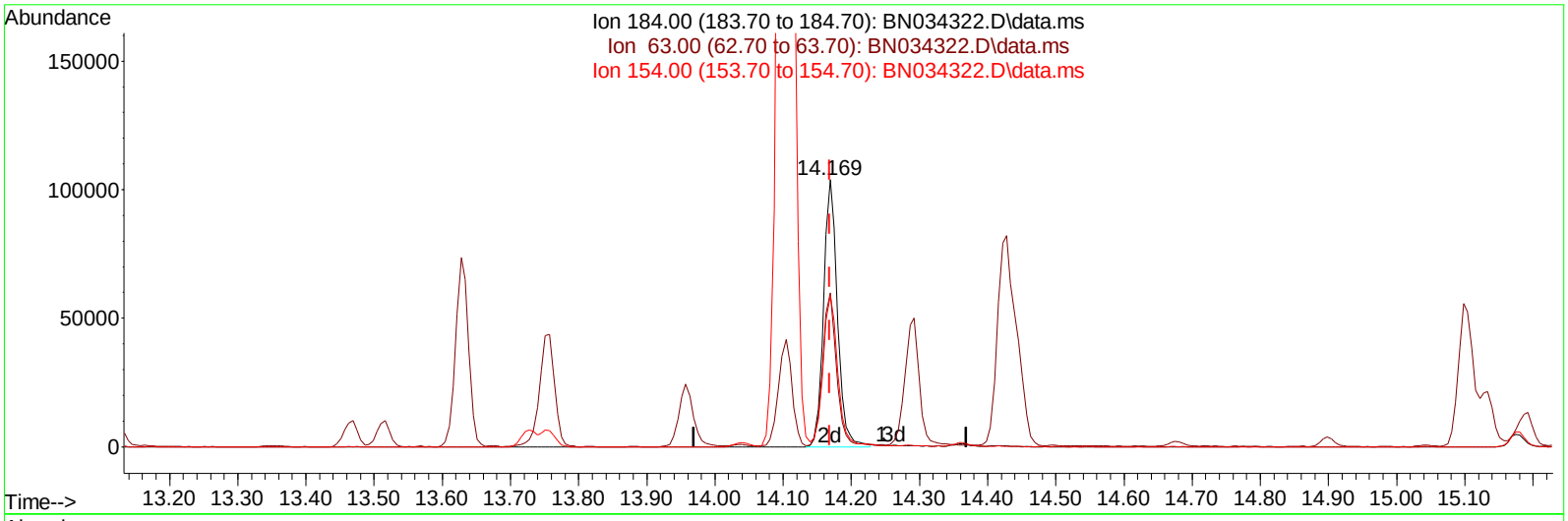

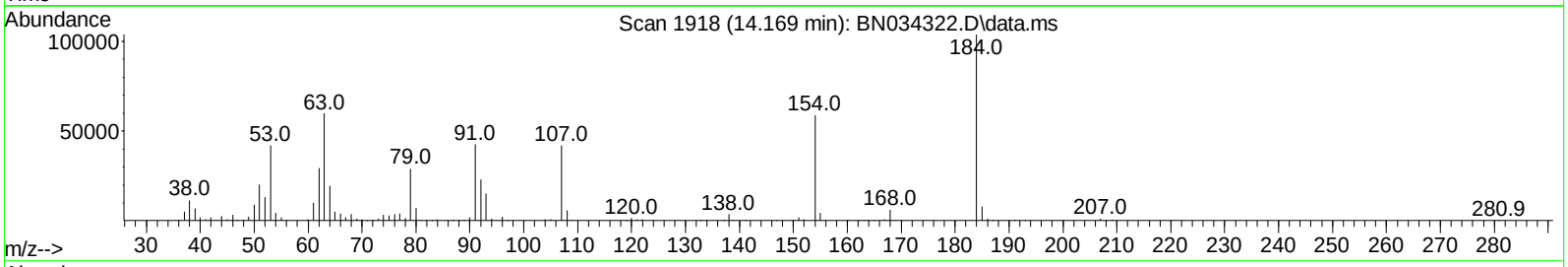

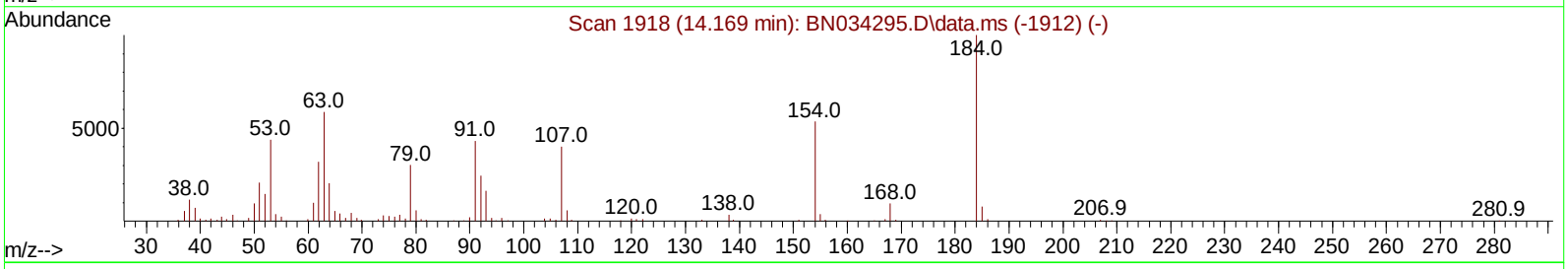

TIC: BN034322.D\data.ms

(53) 2,4-Dinitrophenol

14.169min (-0.000) 25.00 ng/ul m

response 146785

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	76.40	57.58#
154.00	73.10	56.73#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 02 05:47:27 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	270052	20.000	ng/ul	0.00
20) Naphthalene-d8	10.140	136	1076945	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.039	164	665519	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1342811	20.000	ng/ul	0.00
79) Chrysene-d12	21.033	240	1320984	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1608613	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	49145	7.426	ng/uL	0.00
4) Pyridine-d5	3.387	84	343740	17.475	ng/ul	0.00
7) Phenol-d5	6.587	99	426685	17.803	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.746	67	254865	17.139	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	381761	20.236	ng/ul	0.00
15) 4-Methylphenol-d8	8.104	113	348365	17.665	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	180065	20.977	ng/ul	0.00
24) 2-Nitrophenol-d4	9.246	143	196483	22.260	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	352583	21.210	ng/ul	0.00
31) 4-Chloroaniline-d4	10.293	131	472229	18.764	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	972605	19.555	ng/ul	0.00
49) Acenaphthylene-d8	13.728	160	1150174	20.556	ng/ul	0.00
54) 4-Nitrophenol-d4	14.275	143	179182	17.554	ng/ul	0.00
60) Fluorene-d10	15.045	176	850928	20.187	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	159763	19.955	ng/ul	0.00
73) Anthracene-d10	16.898	188	1290544	20.442	ng/ul	0.00
81) Pyrene-d10	19.204	212	1500536	20.387	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	1723959	20.863	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	50868	7.287	ng/uL	87
5) Pyridine	3.411	79	335704	16.678	ng/ul	89
6) Benzaldehyde	6.546	77	255657	20.208	ng/ul	86
8) Phenol	6.616	94	423692	16.979	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.834	93	342323	17.651	ng/ul	93
12) 2-Chlorophenol	6.957	128	373742	19.331	ng/ul	95
13) 2-Methylphenol	7.840	108	322115	17.271	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.910	45	451380	15.781	ng/ul	97
16) Acetophenone	8.204	105	508946	16.292	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.199	70	244104	15.780	ng/ul#	94
18) 4-Methylphenol	8.169	108	350269	16.875	ng/ul	99
19) Hexachloroethane	8.440	117	151954	18.634	ng/ul	91
22) Nitrobenzene	8.569	77	376567	17.527	ng/ul	93
23) Isophorone	9.099	82	673939	17.010	ng/ul	95
25) 2-Nitrophenol	9.275	139	200729	20.319	ng/ul	91
26) 2,4-Dimethylphenol	9.351	107	358802	17.654	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.587	93	440698	18.078	ng/ul	98
29) 2,4-Dichlorophenol	9.804	162	343765	20.423	ng/ul	97
30) Naphthalene	10.193	128	1162189	19.729	ng/ul	100
32) 4-Chloroaniline	10.316	127	444338	17.916	ng/ul	100
33) Hexachlorobutadiene	10.487	225	226560	20.981	ng/ul	97
34) Caprolactam	11.087	113	135836m	20.270	ng/ul	
35) 4-Chloro-3-methylphenol	11.457	107	328466	16.576	ng/ul	93

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.816	142	770424	18.987	ng/ul	100
37) 1-Methylnaphthalene	12.040	142	776308	18.901	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.198	216	419900	21.855	ng/ul	98
40) Hexachlorocyclopentadiene	12.175	237	240430	20.338	ng/ul	97
41) 2,4,6-Trichlorophenol	12.451	196	256969	20.175	ng/ul	94
42) 2,4,5-Trichlorophenol	12.522	196	288749	20.639	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	995916	19.849	ng/ul	98
44) 2-Chloronaphthalene	12.898	162	788146	20.164	ng/ul	97
45) 2-Nitroaniline	13.116	65	198107	15.685	ng/ul#	82
47) Dimethylphthalate	13.516	163	938138	18.507	ng/ul	99
48) 2,6-Dinitrotoluene	13.628	165	192806	19.317	ng/ul	88
50) Acenaphthylene	13.757	152	1213196	19.815	ng/ul	98
51) 3-Nitroaniline	13.957	138	200502	18.177	ng/ul	92
52) Acenaphthene	14.104	153	852845	19.511	ng/ul	99
53) 2,4-Dinitrophenol	14.169	184	146785m	25.002	ng/ul	
55) 4-Nitrophenol	14.292	109	192744	22.235	ng/ul	89
56) Dibenzofuran	14.445	168	1160685	19.418	ng/ul	94
57) 2,4-Dinitrotoluene	14.422	165	282747	18.790	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.681	232	236650	20.384	ng/ul	90
59) Diethylphthalate	14.898	149	944626	17.833	ng/ul	98
61) Fluorene	15.098	166	927936	18.977	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.104	204	457456	19.301	ng/ul	95
63) 4-Nitroaniline	15.134	138	207032	18.239	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.192	198	166579	18.736	ng/ul	91
67) N-Nitrosodiphenylamine	15.322	169	803743	19.975	ng/ul	99
68) 4-Bromophenyl-phenylether	15.998	248	294060	21.565	ng/ul	92
69) Hexachlorobenzene	16.104	284	343622	21.712	ng/ul	92
70) Atrazine	16.292	200	281263	19.292	ng/ul	98
71) Pentachlorophenol	16.457	266	233099	22.114	ng/ul	97
72) Phenanthrene	16.839	178	1429747	19.310	ng/ul	99
74) Anthracene	16.928	178	1471957	19.469	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.816	216	412233	22.058	ng/uL	97
76) Pentachlorobenzene	14.363	250	412678	21.687	ng/uL	95
77) Carbazole	17.210	167	1290805	18.550	ng/ul	99
78) Di-n-butylphthalate	17.798	149	1634420	18.477	ng/ul	99
80) Fluoranthene	18.869	202	1666144	19.364	ng/ul	98
82) Pyrene	19.233	202	1808455	19.551	ng/ul	97
83) Butylbenzylphthalate	20.174	149	737341	17.775	ng/ul	94
84) 3,3'-Dichlorobenzidine	20.957	252	555899	18.735	ng/ul	98
85) Benzo(a)anthracene	21.016	228	1769751	18.790	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.980	149	1157015	19.056	ng/ul#	96
87) Chrysene	21.068	228	1736528	19.323	ng/ul	98
89) Di-n-octyl phthalate	22.015	149	1937346	18.100	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1891202	19.283	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	1881918	19.451	ng/ul	99
93) Benzo(a)pyrene	23.615	252	1811188	19.549	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.733	276	2401775	20.922	ng/ul	97
95) Dibenzo(a,h)anthracene	26.792	278	1918267	20.673	ng/ul	96
96) Benzo(g,h,i)perylene	27.668	276	1888885	21.196	ng/ul	95

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

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