Quantitation Report (Qedit)

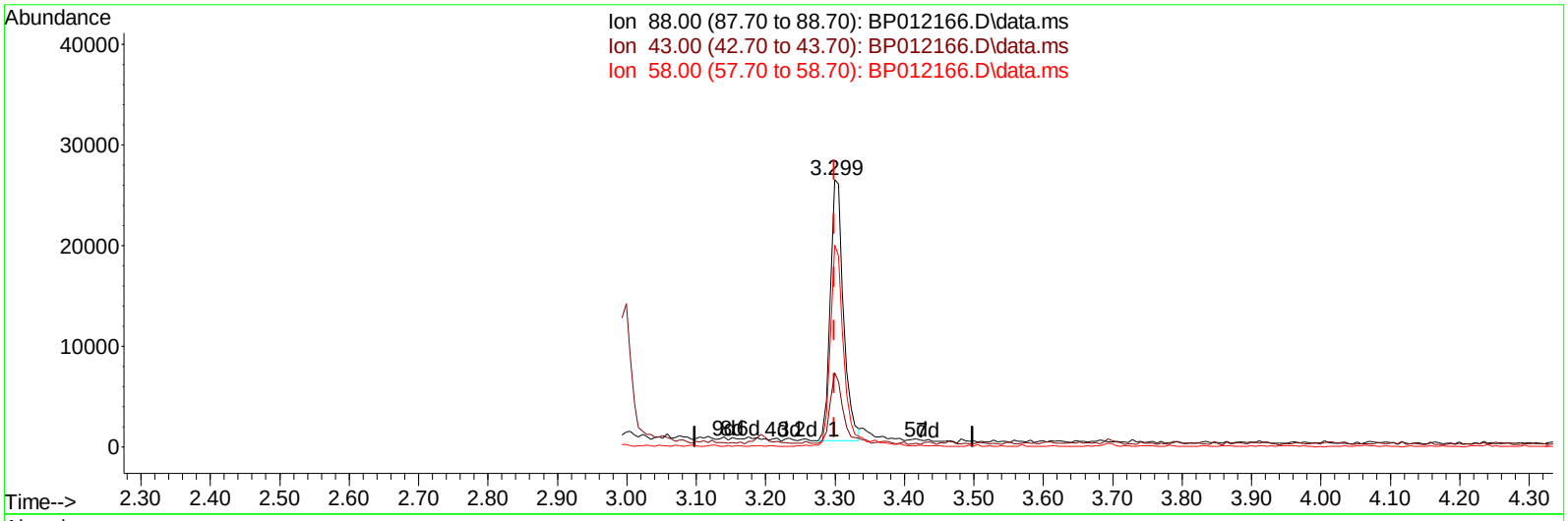
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101722\
Data File : BP012166.D
Acq On : 17 Oct 2022 15:28
Operator : CG/JU
Sample : SSTD01075
Misc :
ALS Vial : 3 Sample Multiplier: 1

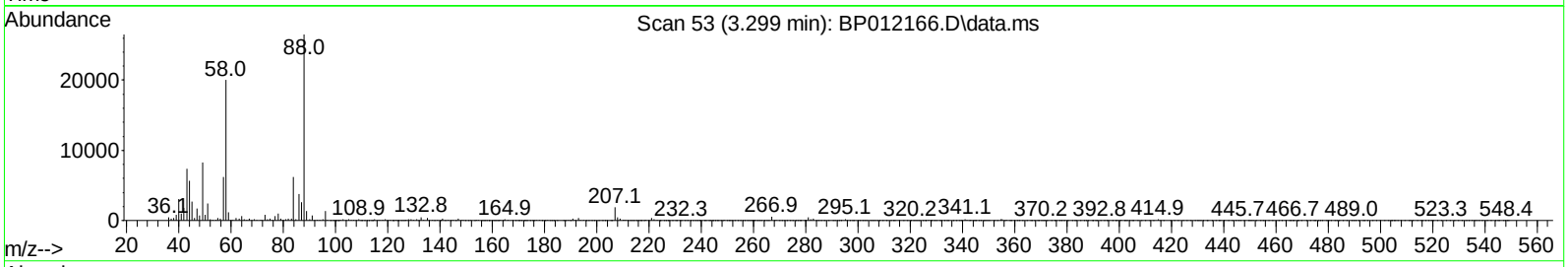
Quant Time: Oct 18 01:14:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101722.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 01:11:56 2022
Response via : Initial Calibration

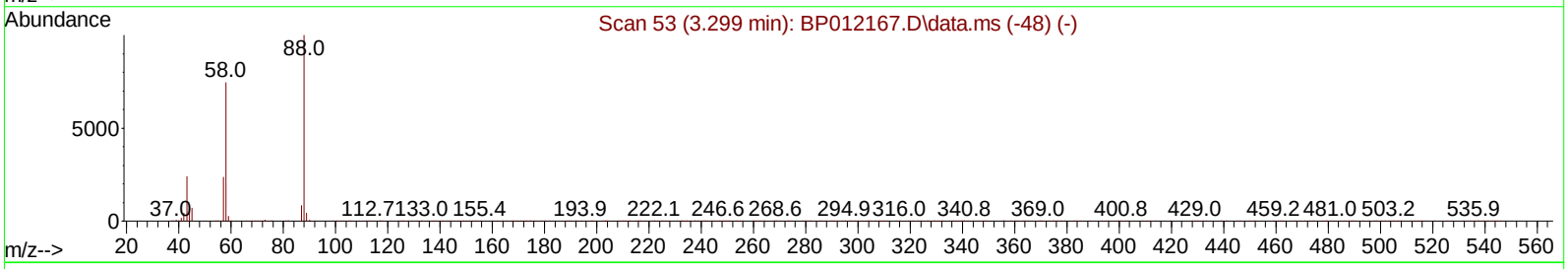
Instrument :
BNA_P
ClientSampleId :
SSTD010639

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022







TIC: BP012166.D\data.ms

(2) 1,4-Dioxane

3.299min (+ 0.000) 4.11 ng/uL

response 34682

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	24.50	27.72
58.00	73.90	75.53
0.00	0.00	0.00

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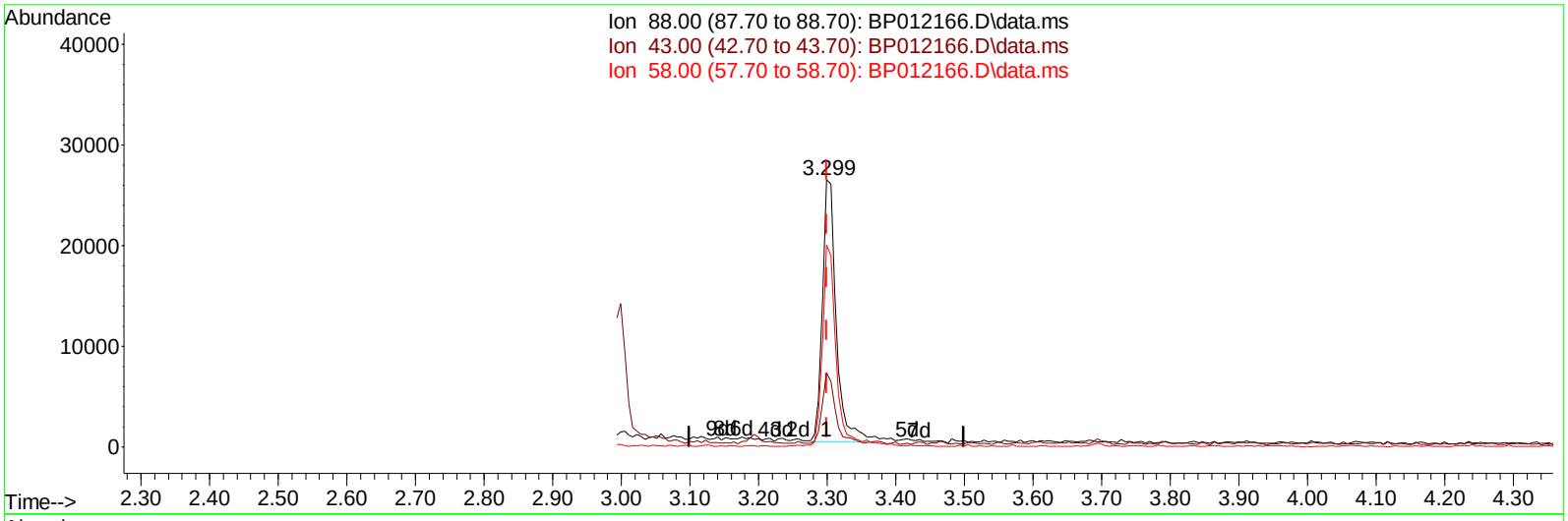

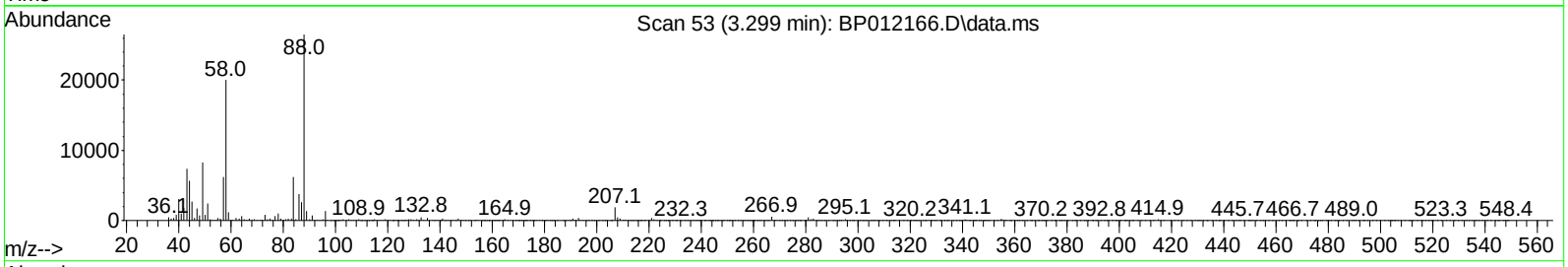

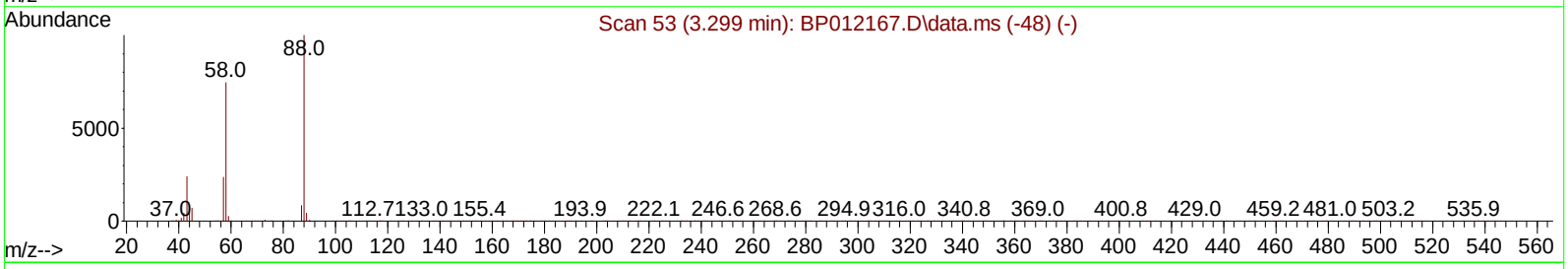

TIC: BP012166.D\data.ms

(2) 1,4-Dioxane

3.299min (+ 0.000) 4.32 ng/uL m

response 36495

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	24.50	27.72
58.00	73.90	75.53
0.00	0.00	0.00

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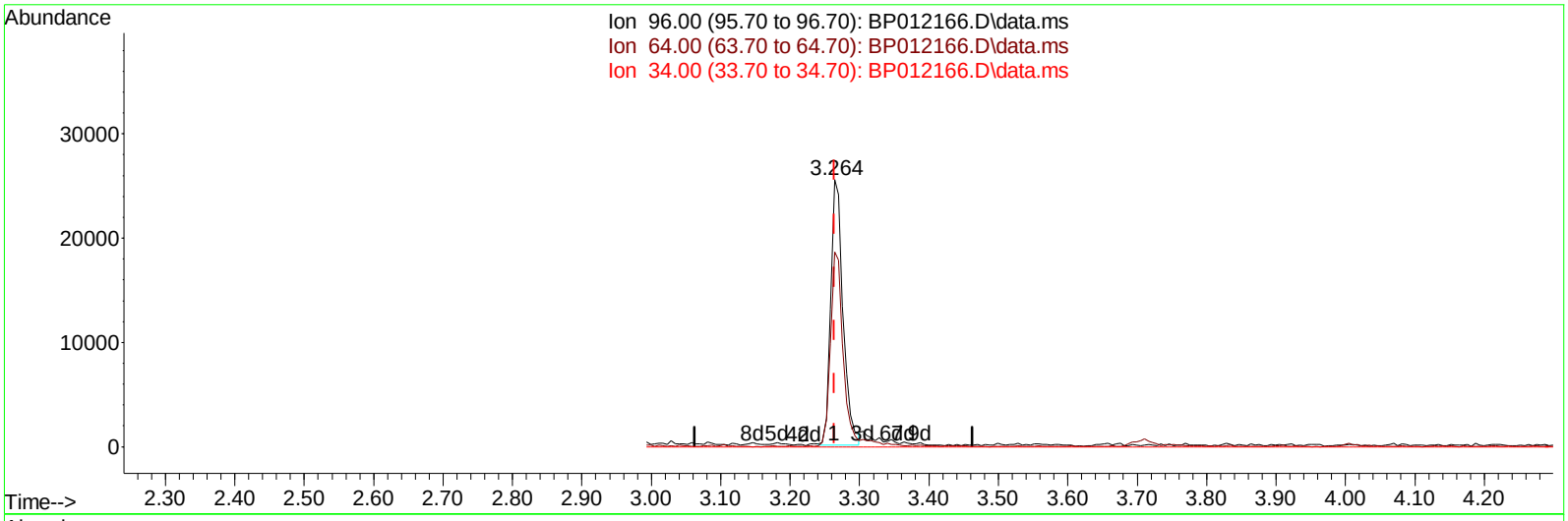

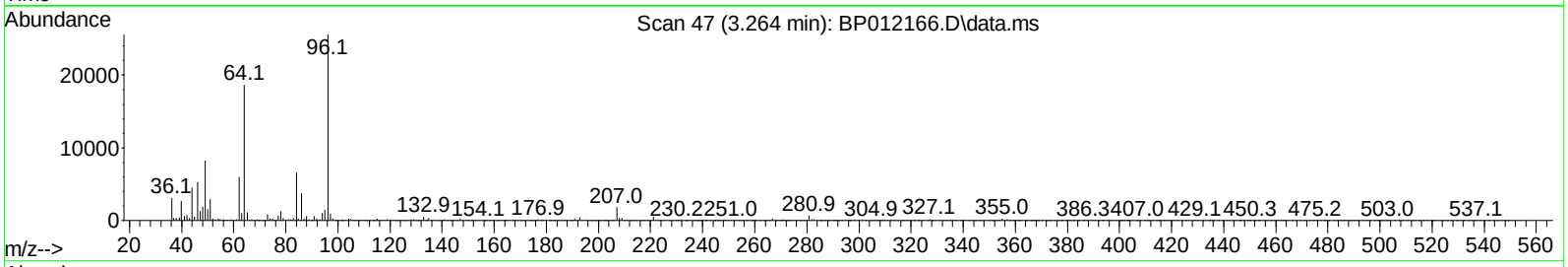

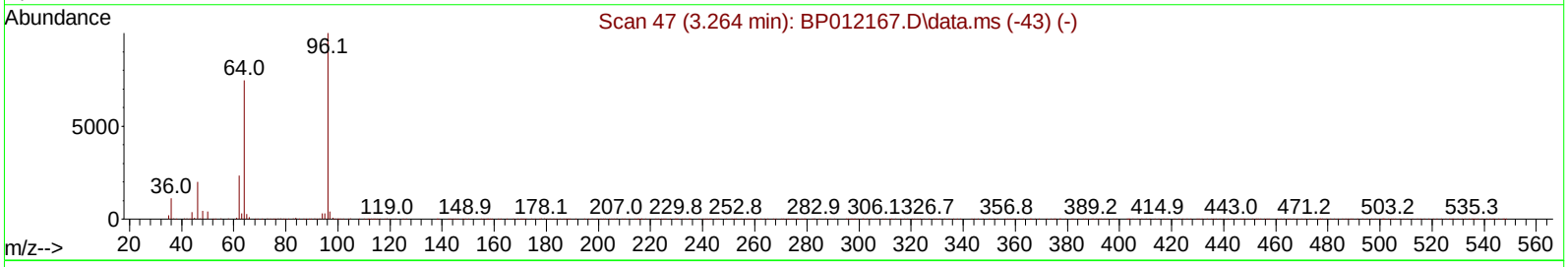

TIC: BP012166.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.264min (+ 0.000) 4.00 ng/uL

response 32115

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.30	72.90
34.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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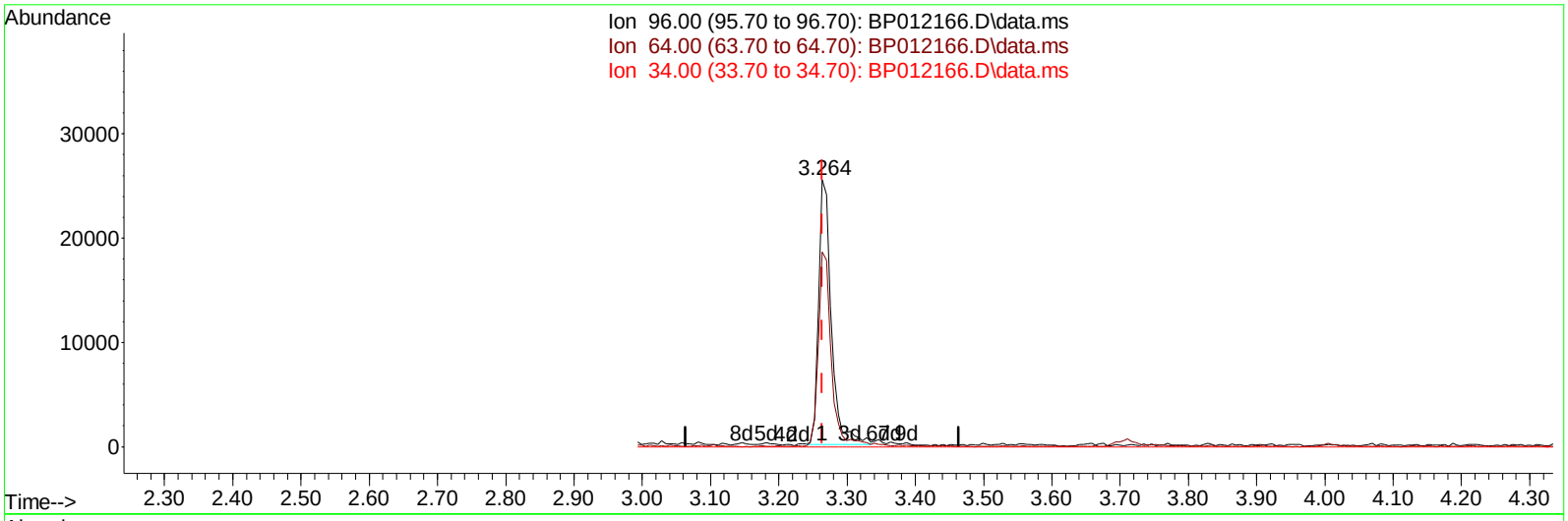

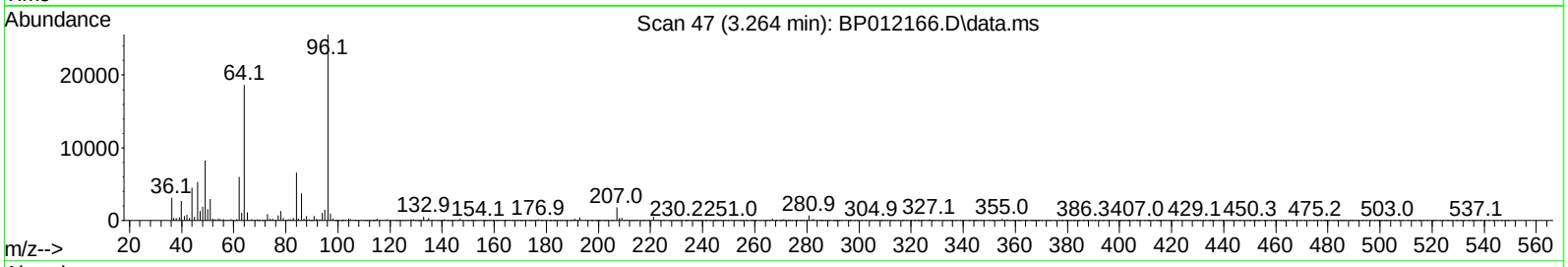

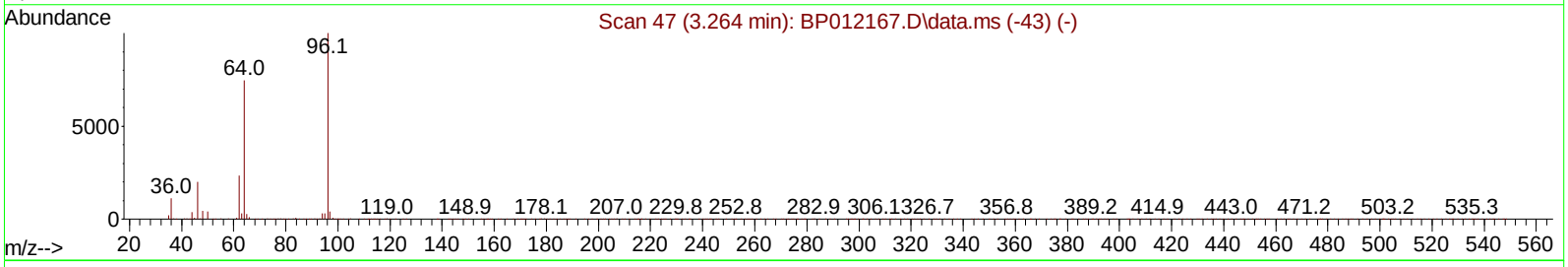

TIC: BP012166.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.264min (+ 0.000) 4.14 ng/uL m

response 33193

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.30	72.90
34.00	0.00	0.00
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	7.834	152	316186	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	1300242	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.487	164	789808	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1618594	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	1618983	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1646256	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	33193m	4.139	ng/uL	0.00
4) Pyridine-d5	3.693	84	213965	10.032	ng/ul	0.00
7) Phenol-d5	7.005	99	246644	9.699	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	162295	11.244	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	193527	9.588	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	188490	9.650	ng/ul	0.00
21) Nitrobenzene-d5	9.005	128	83050	9.044	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	81589	8.762	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	178271	9.879	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	268658	10.103	ng/ul	0.00
46) Dimethylphthalate-d6	13.899	166	523614	10.468	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	600263	9.705	ng/ul	0.00
54) 4-Nitrophenol-d4	14.693	143	78662	8.010	ng/ul	0.00
60) Fluorene-d10	15.481	176	474611	10.487	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	64008	7.489	ng/ul	0.00
73) Anthracene-d10	17.345	188	704850	10.028	ng/ul	0.00
81) Pyrene-d10	19.581	212	802240	9.672	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	779422	9.739	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	36495m	4.325	ng/uL	
5) Pyridine	3.711	79	218918	10.713	ng/ul	96
6) Benzaldehyde	6.981	77	130862	10.968	ng/ul	95
8) Phenol	7.028	94	263205	9.859	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.264	93	221988	10.539	ng/ul	99
12) 2-Chlorophenol	7.399	128	214591	9.796	ng/ul	99
13) 2-Methylphenol	8.287	108	194325	9.759	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	305408	14.146	ng/ul	98
16) Acetophenone	8.663	105	314796	10.454	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.646	70	147495	10.754	ng/ul	98
18) 4-Methylphenol	8.616	108	213506	9.948	ng/ul	94
19) Hexachloroethane	8.911	117	86746	10.258	ng/ul	99
22) Nitrobenzene	9.046	77	222832	10.586	ng/ul	98
23) Isophorone	9.575	82	404944	10.845	ng/ul	99
25) 2-Nitrophenol	9.758	139	96952	8.862	ng/ul	98
26) 2,4-Dimethylphenol	9.816	107	222419	10.440	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.058	93	283352	11.058	ng/ul	99
29) 2,4-Dichlorophenol	10.293	162	191332	10.089	ng/ul	98
30) Naphthalene	10.687	128	703602	10.240	ng/ul	100
32) 4-Chloroaniline	10.810	127	281075	10.252	ng/ul	98
33) Hexachlorobutadiene	10.969	225	125269	10.652	ng/ul	98
34) Caprolactam	11.605	113	46277	8.880	ng/ul	97
35) 4-Chloro-3-methylphenol	11.934	107	189747	10.561	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.304	142	461564	10.432	ng/ul	99
37) 1-Methylnaphthalene	12.522	142	459032	10.360	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.669	216	239285	9.911	ng/ul	99
40) Hexachlorocyclopentadiene	12.646	237	88811	7.573	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	142014	9.765	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	147347	9.322	ng/ul	98
43) 1,1'-Biphenyl	13.316	154	597841	10.027	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	470121	9.874	ng/ul	99
45) 2-Nitroaniline	13.575	65	96576	9.508	ng/ul	93
47) Dimethylphthalate	13.946	163	560950	10.644	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	81683	8.755	ng/ul	97
50) Acenaphthylene	14.204	152	696836	9.957	ng/ul	100
51) 3-Nitroaniline	14.398	138	86182	7.932	ng/ul	95
52) Acenaphthene	14.546	153	506521	10.166	ng/ul	98
53) 2,4-Dinitrophenol	14.610	184	40701	6.752	ng/ul	95
55) 4-Nitrophenol	14.710	109	63779	9.394	ng/ul	93
56) Dibenzofuran	14.881	168	702729	10.436	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	128720	9.599	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.110	232	126444	10.264	ng/ul#	96
59) Diethylphthalate	15.310	149	535624	11.098	ng/ul	99
61) Fluorene	15.534	166	566529	10.718	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.534	204	274113	10.720	ng/ul	99
63) 4-Nitroaniline	15.569	138	81541	8.220	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.622	198	73835	7.991	ng/ul#	98
67) N-Nitrosodiphenylamine	15.745	169	466854	9.745	ng/ul	97
68) 4-Bromophenyl-phenylether	16.434	248	158049	10.035	ng/ul	99
69) Hexachlorobenzene	16.540	284	192663	10.539	ng/ul	100
70) Atrazine	16.710	200	143912	9.768	ng/ul	99
71) Pentachlorophenol	16.898	266	96355	8.996	ng/ul	97
72) Phenanthrene	17.287	178	907027	10.304	ng/ul	99
74) Anthracene	17.381	178	895784	10.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	240170	9.183	ng/uL	99
76) Pentachlorobenzene	14.804	250	249847	9.727	ng/uL	98
77) Carbazole	17.657	167	789177	10.158	ng/ul	99
78) Di-n-butylphthalate	18.204	149	810549	10.513	ng/ul	100
80) Fluoranthene	19.257	202	995142	9.792	ng/ul	99
82) Pyrene	19.610	202	1082994	10.069	ng/ul	99
83) Butylbenzylphthalate	20.486	149	339922	9.970	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.257	252	327389	9.177	ng/ul	99
85) Benzo(a)anthracene	21.322	228	1029427	10.102	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	505477	10.998	ng/ul	98
87) Chrysene	21.375	228	999973	10.194	ng/ul	100
89) Di-n-octyl phthalate	22.169	149	856078	10.387	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	1041811	9.998	ng/ul	99
91) Benzo(k)fluoranthene	23.057	252	1031640	10.065	ng/ul	99
93) Benzo(a)pyrene	23.639	252	915638	9.849	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.251	276	1125871	9.578	ng/ul	99
95) Dibenzo(a,h)anthracene	26.268	278	1031424	9.781	ng/ul	100
96) Benzo(g,h,i)perylene	27.021	276	1020035	9.624	ng/ul	100

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

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