Quantitation Report (Qedit)

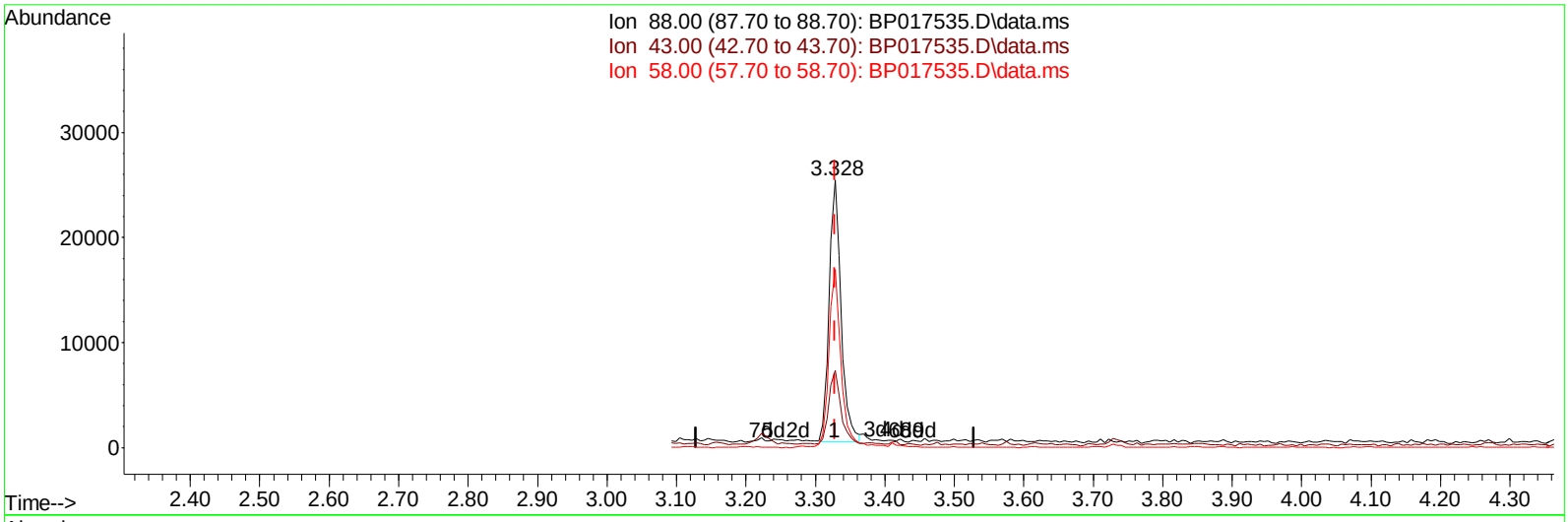
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017535.D
Acq On : 04 Oct 2023 16:30
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

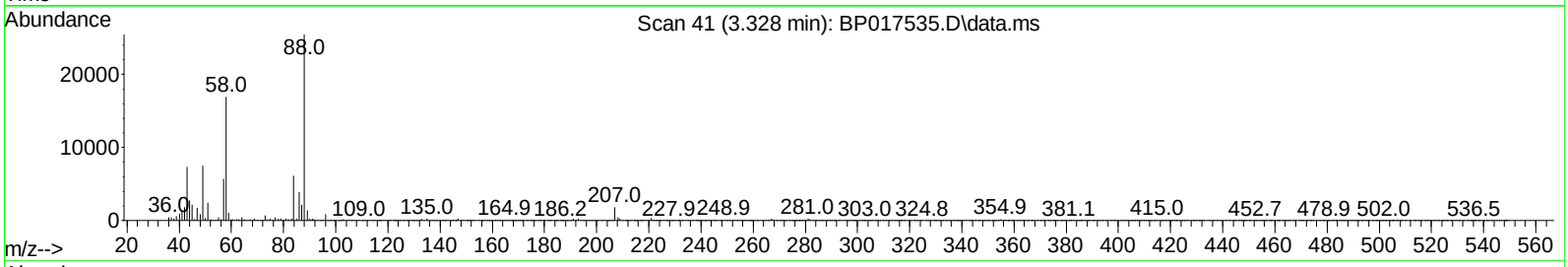
Quant Time: Oct 04 17:31:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

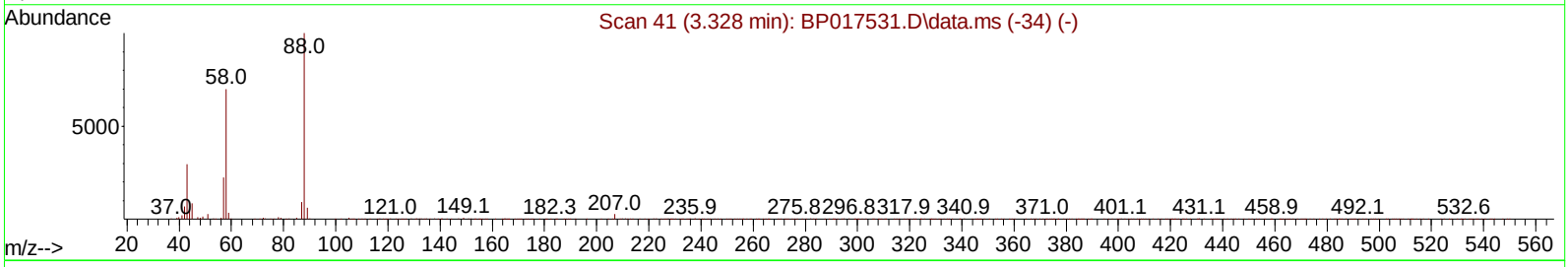
Instrument :
BNA_P
ClientSampleId :
SICV630

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BP017535.D\data.ms

(2) 1,4-Dioxane

3.328min (-0.000) 8.09 ng/uL

response 30058

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.30	28.89
58.00	64.30	66.51
0.00	0.00	0.00

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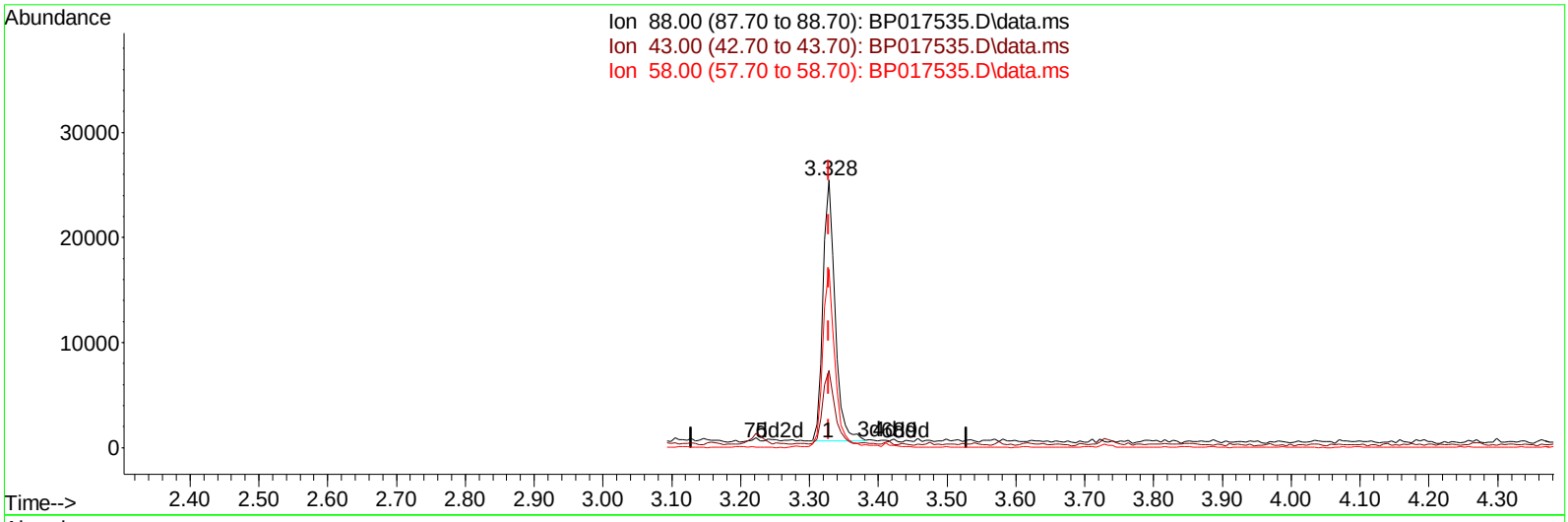

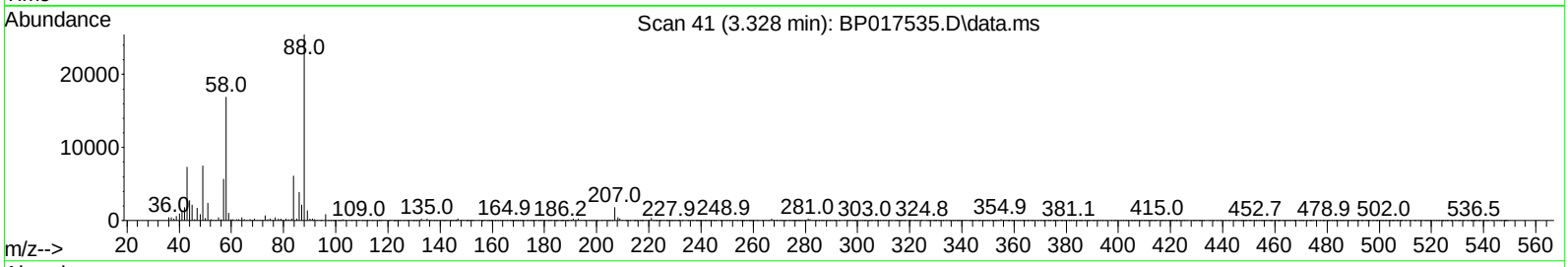

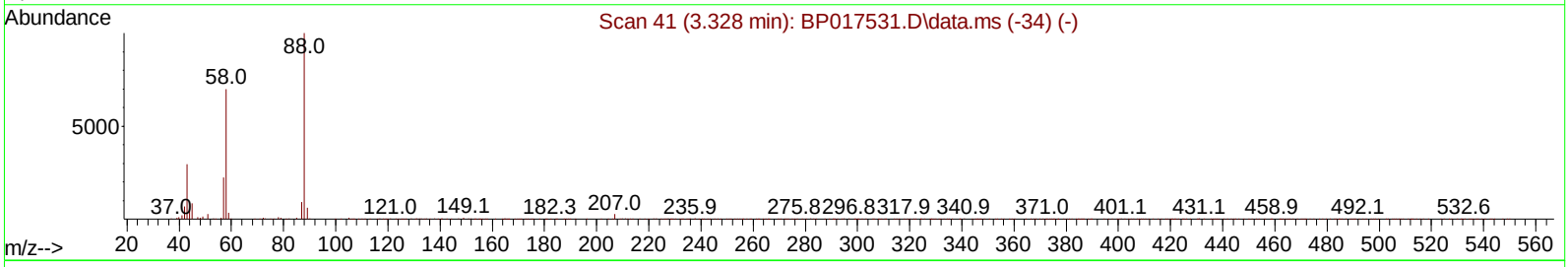

TIC: BP017535.D\data.ms

(2) 1,4-Dioxane

3.328min (-0.000) 8.13 ng/uL m

response 30202

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.30	28.89
58.00	64.30	66.51
0.00	0.00	0.00

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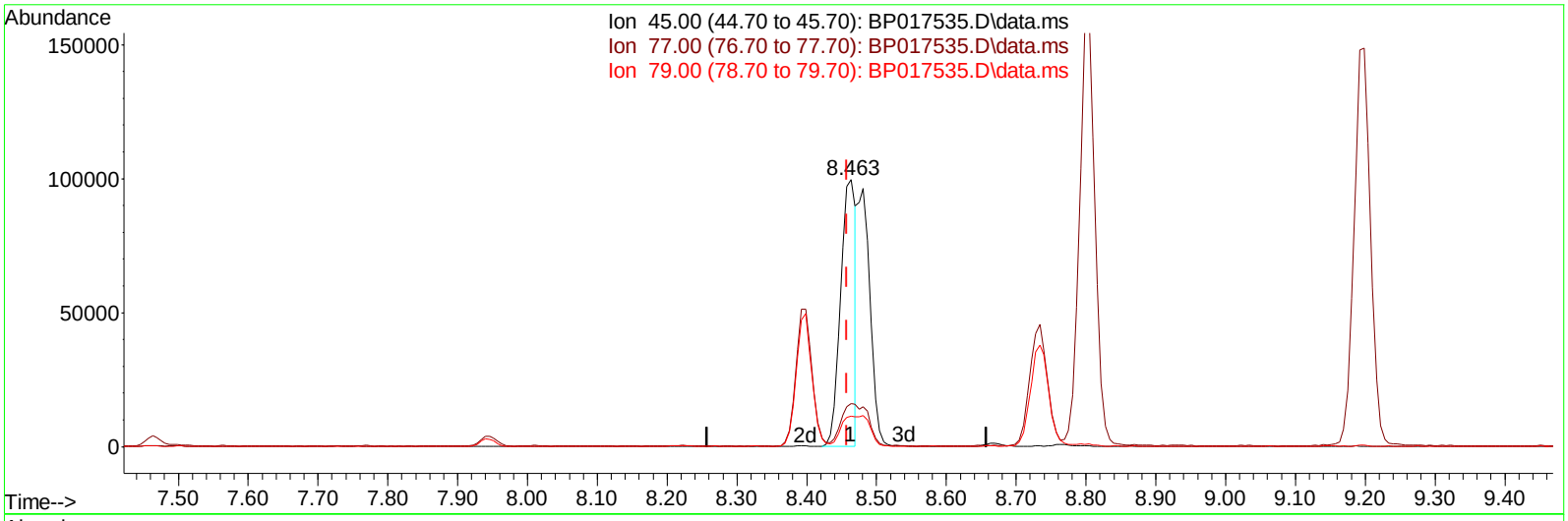

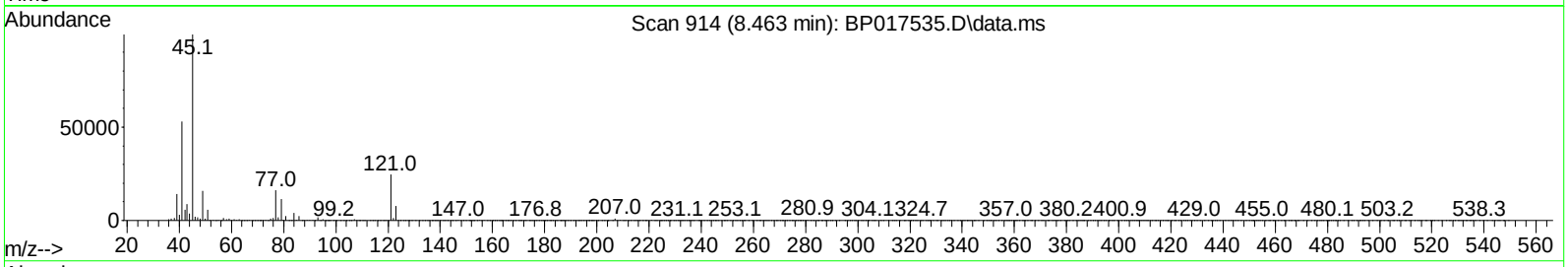

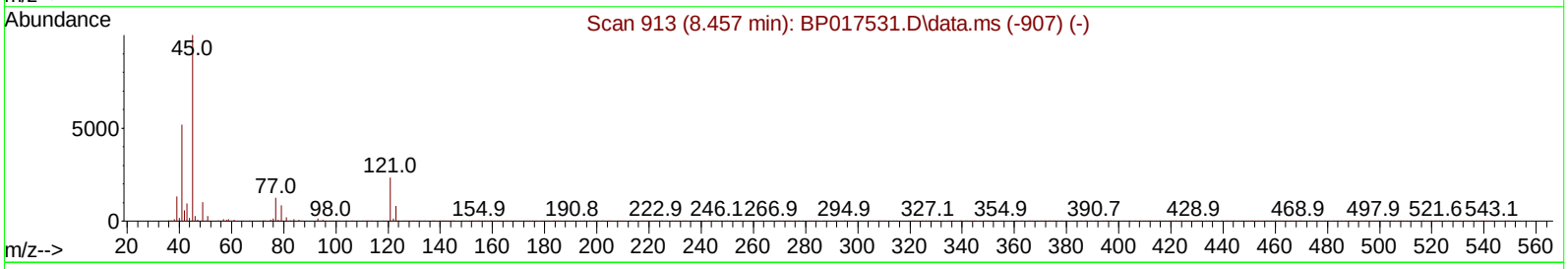

TIC: BP017535.D\data.ms

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

8.463min (+ 0.006) 11.44 ng/ul

response 148443

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	16.12
79.00	11.20	11.38
0.00	0.00	0.00

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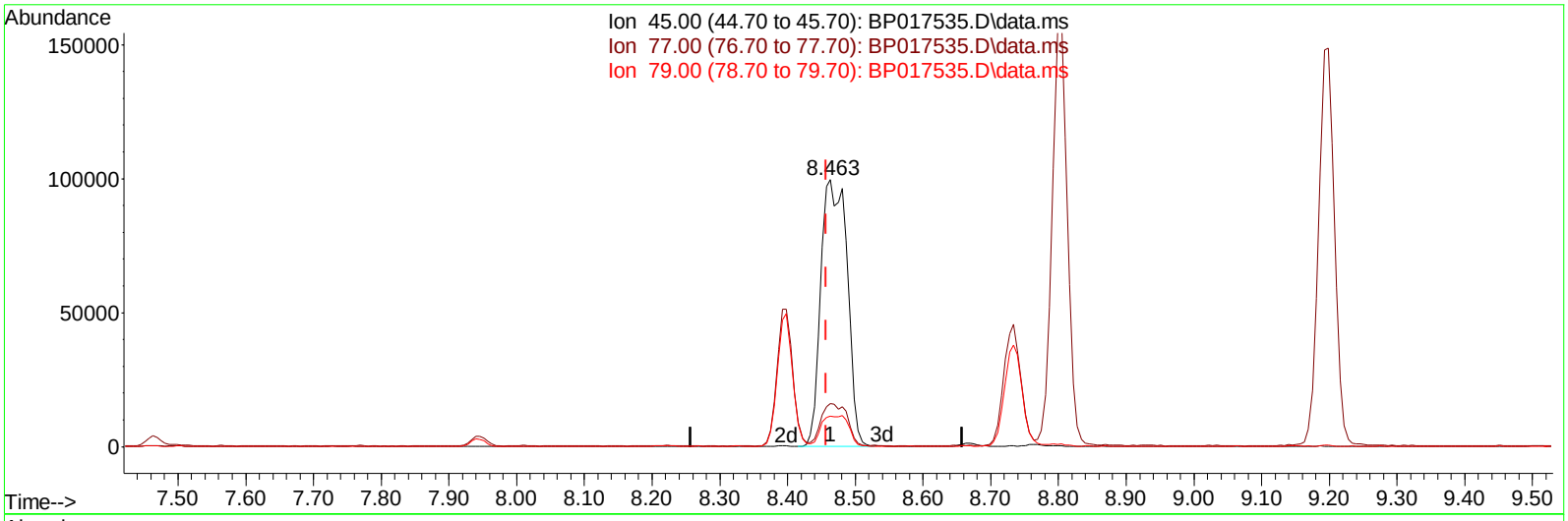

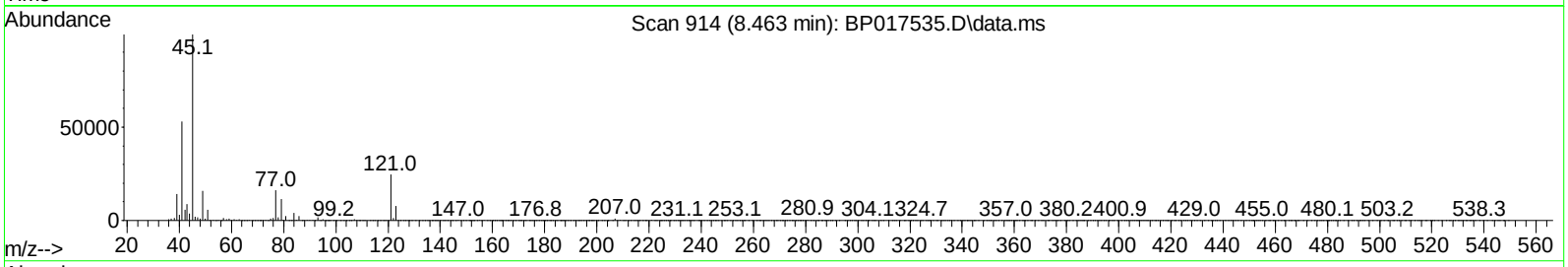

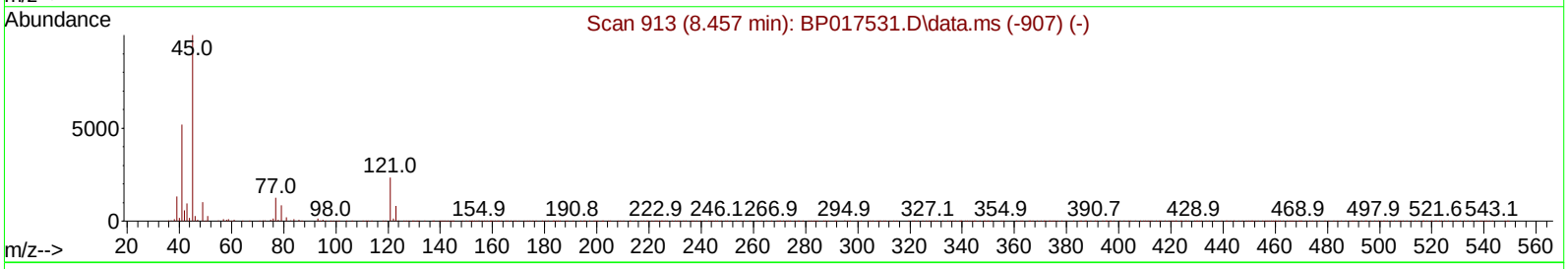

TIC: BP017535.D\data.ms

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

8.463min (+ 0.006) 20.53 ng/ul m

response 266505

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	16.12
79.00	11.20	11.38
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	7.946	152	144484	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	592796	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	381972	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	856254	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	864345	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	960080	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	28885	7.993	ng/uL	0.00
4) Pyridine-d5	3.728	84	190141	20.100	ng/ul	0.00
7) Phenol-d5	7.099	99	233615	19.217	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	149274	20.124	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	197227	20.605	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	195527	20.091	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	95673	20.978	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	105215	20.455	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	194867	20.435	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	264191	19.448	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	606814	20.366	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	686813	20.905	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	105599	20.239	ng/ul	0.00
60) Fluorene-d10	15.639	176	516365	20.432	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	106348	19.922	ng/ul	0.00
73) Anthracene-d10	17.522	188	813066	20.514	ng/ul	0.00
81) Pyrene-d10	19.774	212	988484	20.581	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1007994	20.804	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	30202m	8.130	ng/uL	
5) Pyridine	3.752	79	198306	19.964	ng/ul	97
6) Benzaldehyde	7.104	77	158622	25.883	ng/ul	98
8) Phenol	7.128	94	244425	20.075	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.381	93	200039	20.291	ng/ul	100
12) 2-Chlorophenol	7.498	128	199427	20.586	ng/ul	99
13) 2-Methylphenol	8.398	108	184233	20.190	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.463	45	266505m	20.530	ng/ul	
16) Acetophenone	8.804	105	310653	20.241	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.769	70	161855	20.553	ng/ul	99
18) 4-Methylphenol	8.734	108	201646	20.422	ng/ul	98
19) Hexachloroethane	9.010	117	87584	20.367	ng/ul	95
22) Nitrobenzene	9.198	77	244315	20.828	ng/ul	98
23) Isophorone	9.710	82	449589	20.890	ng/ul	98
25) 2-Nitrophenol	9.904	139	114152	20.915	ng/ul	94
26) 2,4-Dimethylphenol	9.945	107	215813	19.943	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.198	93	269531	20.483	ng/ul	100
29) 2,4-Dichlorophenol	10.428	162	193915	20.943	ng/ul	98
30) Naphthalene	10.834	128	644454	20.376	ng/ul	98
32) 4-Chloroaniline	10.975	127	254455	19.624	ng/ul	96
33) Hexachlorobutadiene	11.057	225	138907	20.658	ng/ul	100
34) Caprolactam	11.816	113	61794	21.506	ng/ul	95
35) 4-Chloro-3-methylphenol	12.086	107	203909	20.866	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	12.445	142	440268	20.371	ng/ul	100
37) 1-Methylnaphthalene	12.669	142	446699	20.146	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	256604	20.504	ng/ul	98
40) Hexachlorocyclopentadiene	12.739	237	131558	18.639	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	164742	20.656	ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	173418	20.651	ng/ul	96
43) 1,1'-Biphenyl	13.463	154	592329	20.257	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	475569	20.456	ng/ul	99
45) 2-Nitroaniline	13.757	65	136537	21.136	ng/ul	95
47) Dimethylphthalate	14.098	163	616443	20.585	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	118485	21.232	ng/ul	95
50) Acenaphthylene	14.363	152	773115	20.348	ng/ul	99
51) 3-Nitroaniline	14.592	138	117556	22.098	ng/ul	96
52) Acenaphthene	14.698	153	509097	20.300	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	60579	18.339	ng/ul	92
55) 4-Nitrophenol	14.892	109	90609	19.339	ng/ul	98
56) Dibenzofuran	15.039	168	720084	20.401	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	180406	21.660	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.263	232	153990	20.718	ng/ul	98
59) Diethylphthalate	15.457	149	624793	20.800	ng/ul	99
61) Fluorene	15.692	166	594261	20.386	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	306618	20.532	ng/ul	100
63) 4-Nitroaniline	15.769	138	118245	23.648	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.798	198	115674	20.255	ng/ul	98
67) N-Nitrosodiphenylamine	15.916	169	497699	20.758	ng/ul	98
68) 4-Bromophenyl-phenylether	16.598	248	188470	20.762	ng/ul	98
69) Hexachlorobenzene	16.674	284	219977	20.577	ng/ul	97
70) Atrazine	16.880	200	195573	21.083	ng/ul	97
71) Pentachlorophenol	17.051	266	127563	19.711	ng/ul	97
72) Phenanthrene	17.469	178	951992	20.658	ng/ul	100
74) Anthracene	17.563	178	957305	20.381	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	271269	21.432	ng/uL	98
76) Pentachlorobenzene	14.928	250	244876	19.490	ng/uL	98
77) Carbazole	17.851	167	858386	20.352	ng/ul	99
78) Di-n-butylphthalate	18.363	149	1071769	21.083	ng/ul	100
80) Fluoranthene	19.445	202	1160168	20.735	ng/ul	99
82) Pyrene	19.804	202	1212321	20.536	ng/ul	99
83) Butylbenzylphthalate	20.674	149	485692	20.949	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.486	252	411327	20.944	ng/ul	99
85) Benzo(a)anthracene	21.545	228	1258175	20.777	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	706187	21.132	ng/ul	99
87) Chrysene	21.598	228	1148309	20.287	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	1207463	19.881	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1225913	20.341	ng/ul	98
91) Benzo(k)fluoranthene	23.392	252	1216148	20.239	ng/ul	99
93) Benzo(a)pyrene	24.021	252	1151598	20.439	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	1406232	20.416	ng/ul	99
95) Dibenzo(a,h)anthracene	26.909	278	1167580	20.117	ng/ul	99
96) Benzo(g,h,i)perylene	27.744	276	1114108	20.163	ng/ul	98

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

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