Quantitation Report (Qedit)

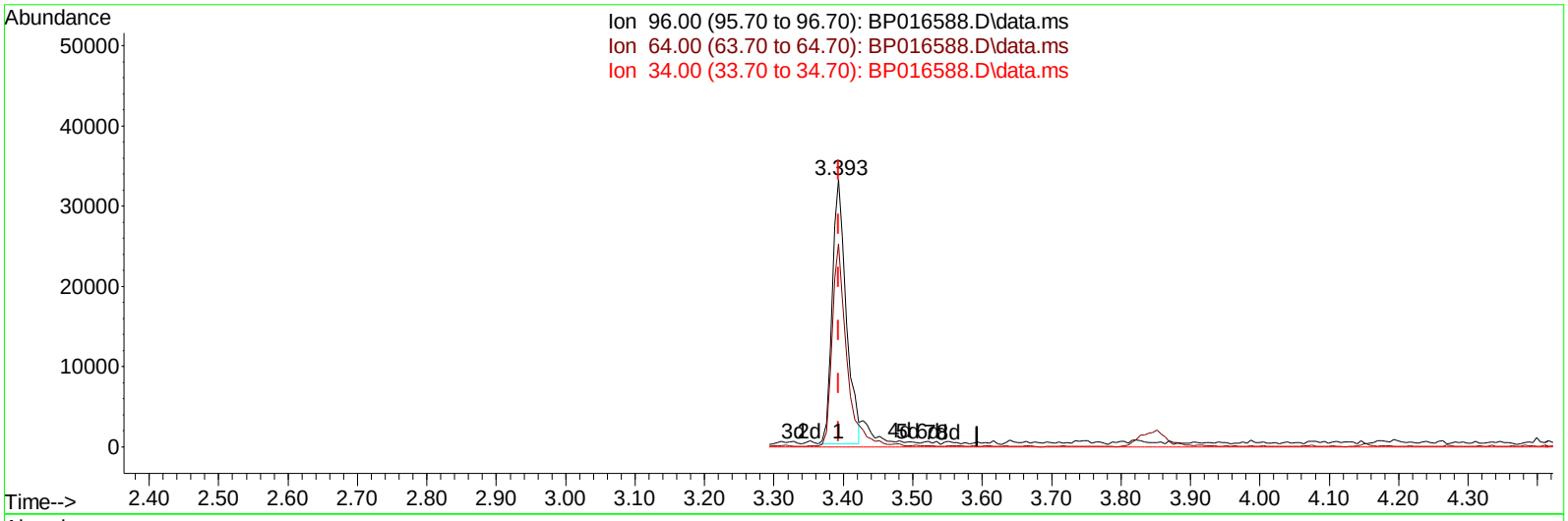
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081523\
Data File : BP016588.D
Acq On : 15 Aug 2023 10:28
Operator : MA/JU
Sample : PB154773BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

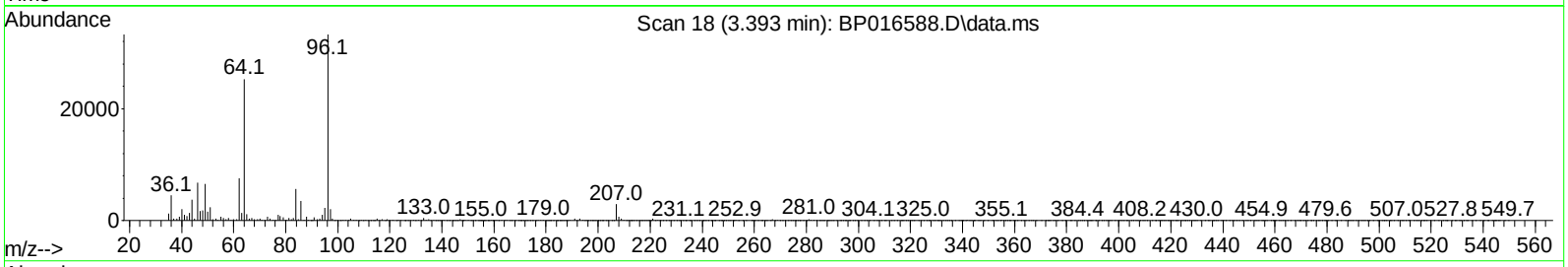
Quant Time: Aug 15 10:58:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration

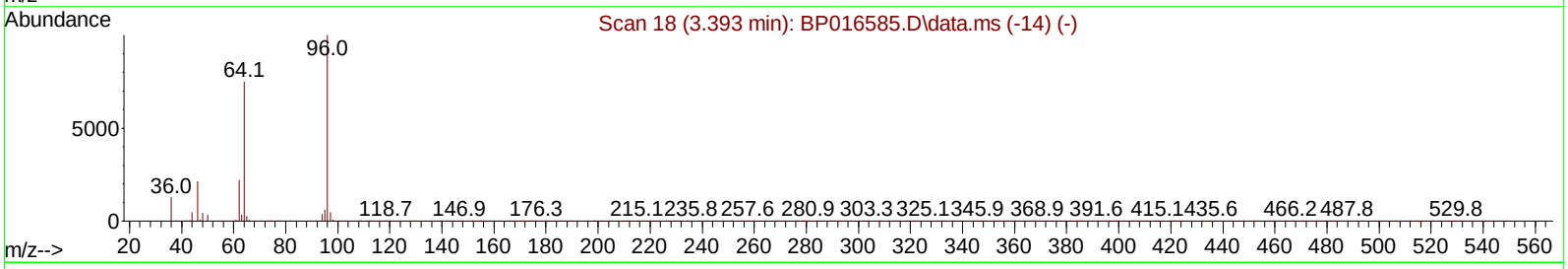
Instrument :
BNA_P
ClientSampleId :
SLCS773

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023







TIC: BP016588.D\data.ms

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

3.393min (-0.000) 6.85 ng/uL

response 46803

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	79.70	76.04
34.00	0.00	0.00
0.00	0.00	0.00

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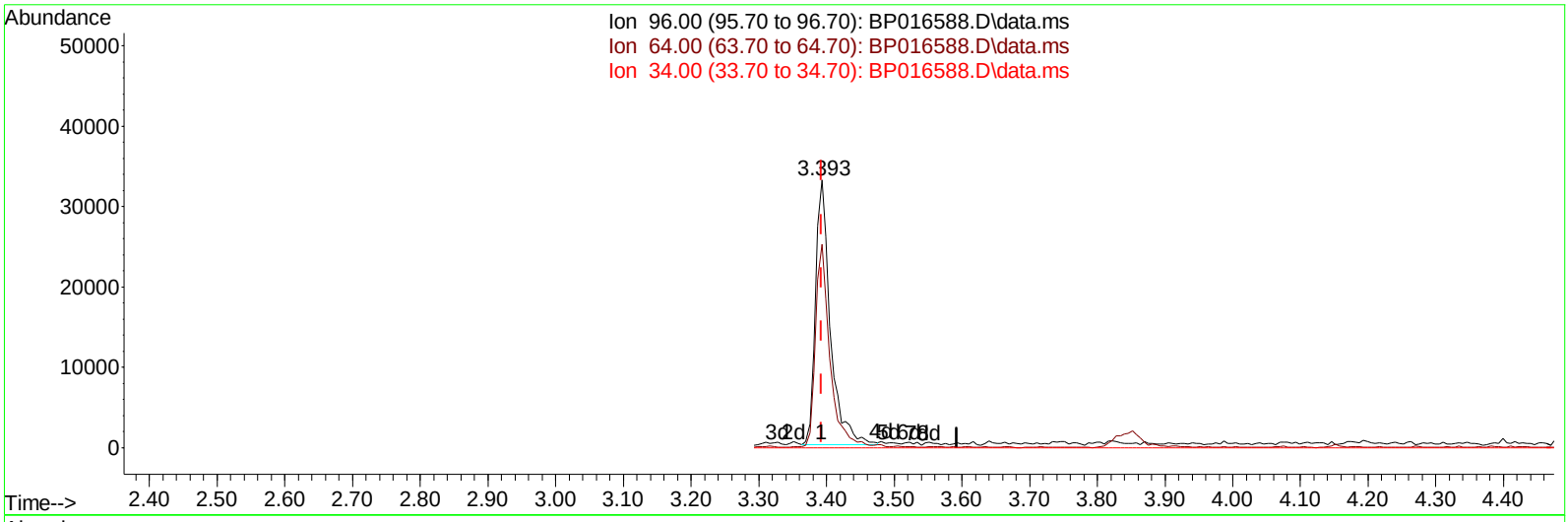

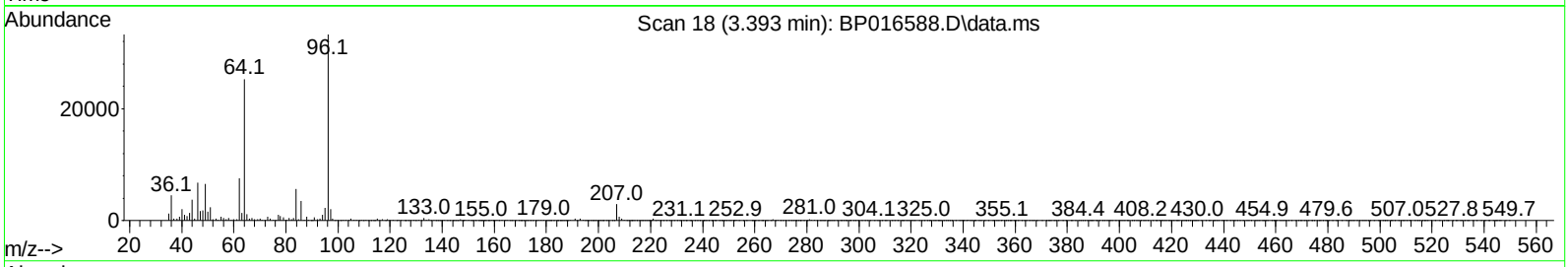

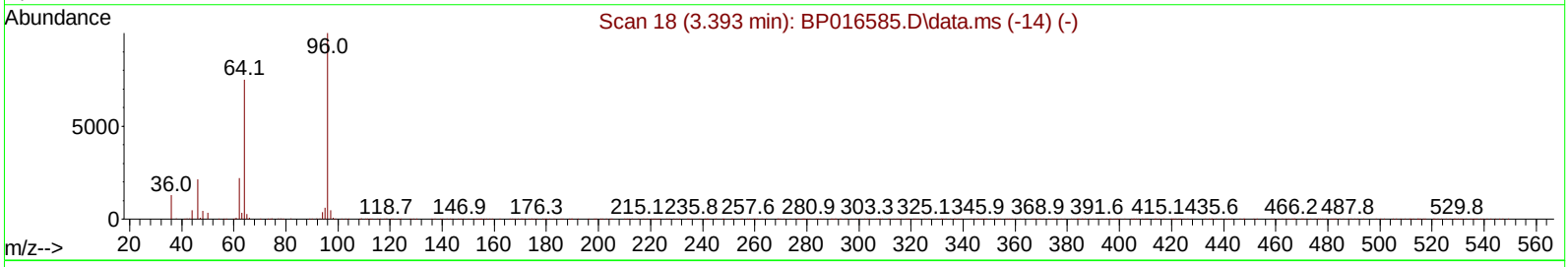

TIC: BP016588.D\data.ms

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

3.393min (-0.000) 7.37 ng/uL m

response 50370

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	79.70	76.04
34.00	0.00	0.00
0.00	0.00	0.00

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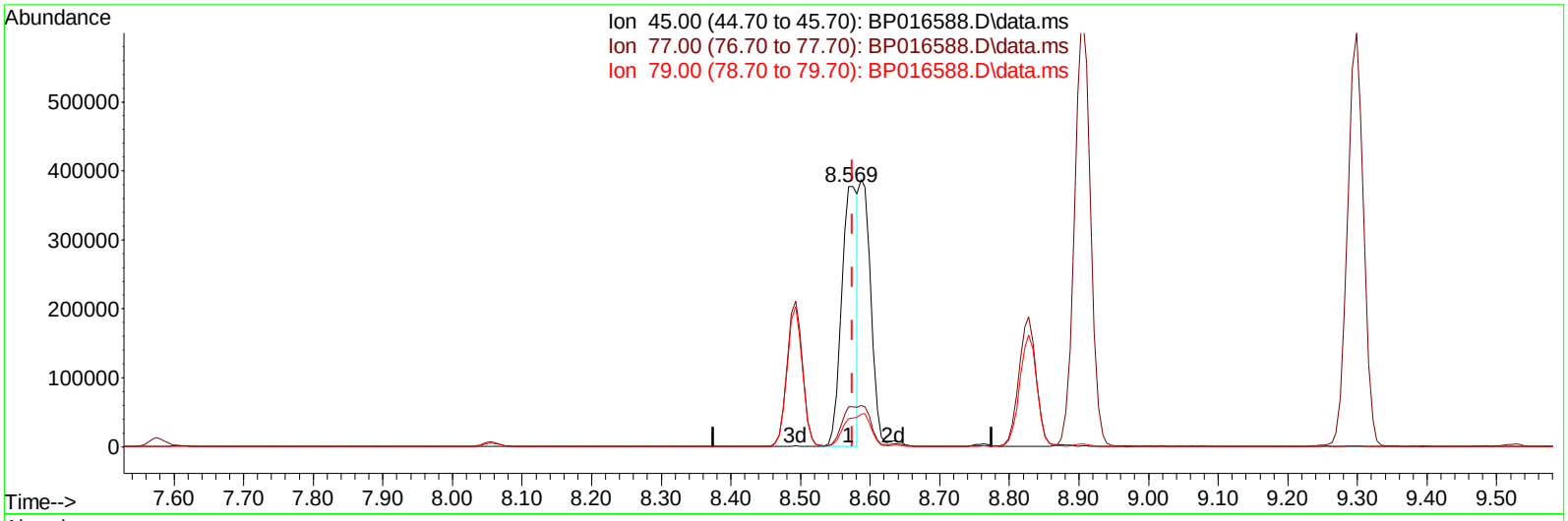

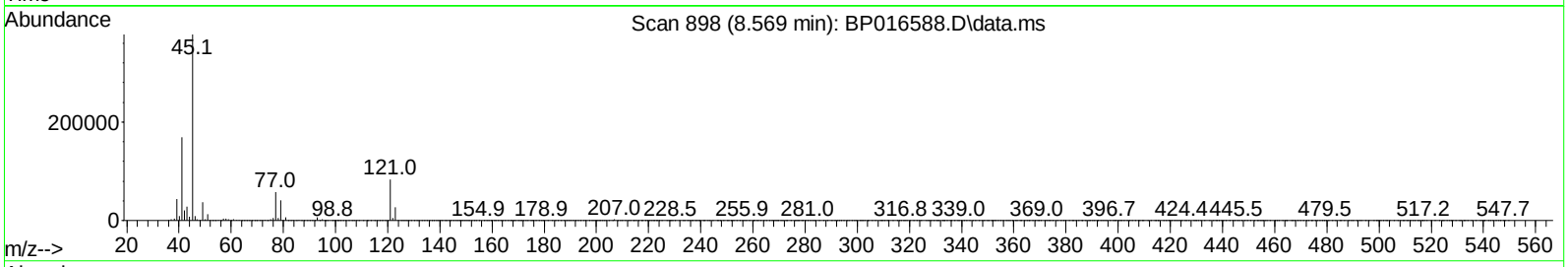

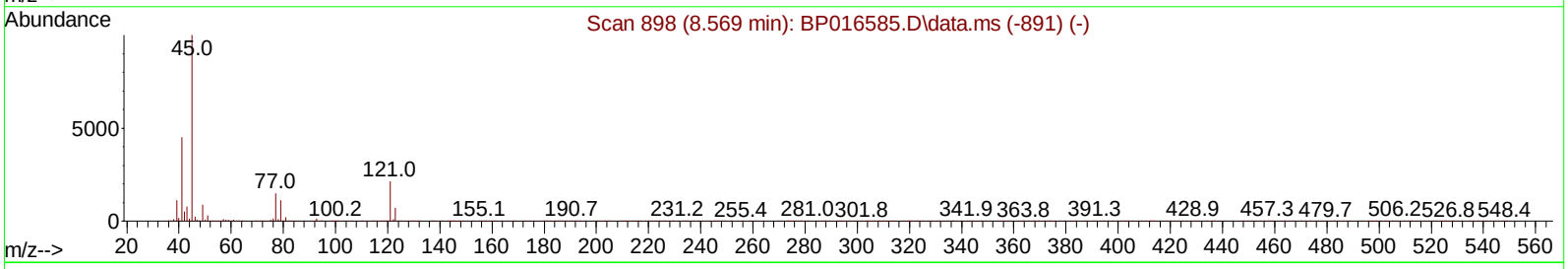

TIC: BP016588.D\data.ms

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

8.569min (-0.006) 21.08 ng/ul

response 607200

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.39
79.00	10.30	10.72
0.00	0.00	0.00

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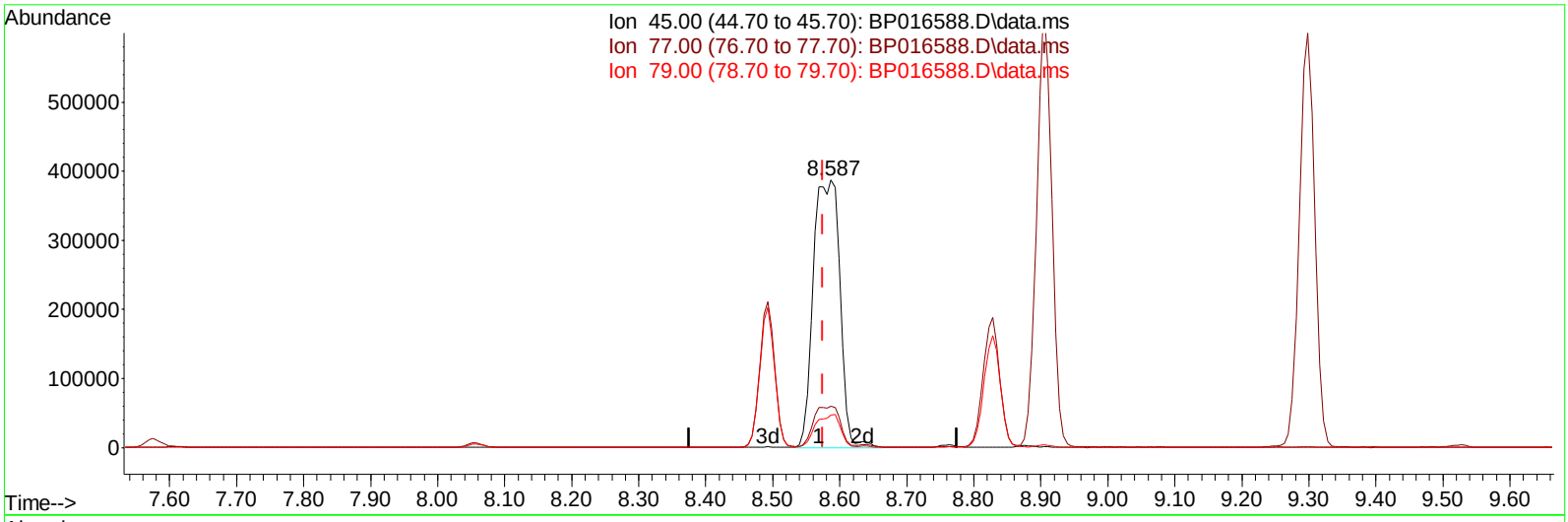

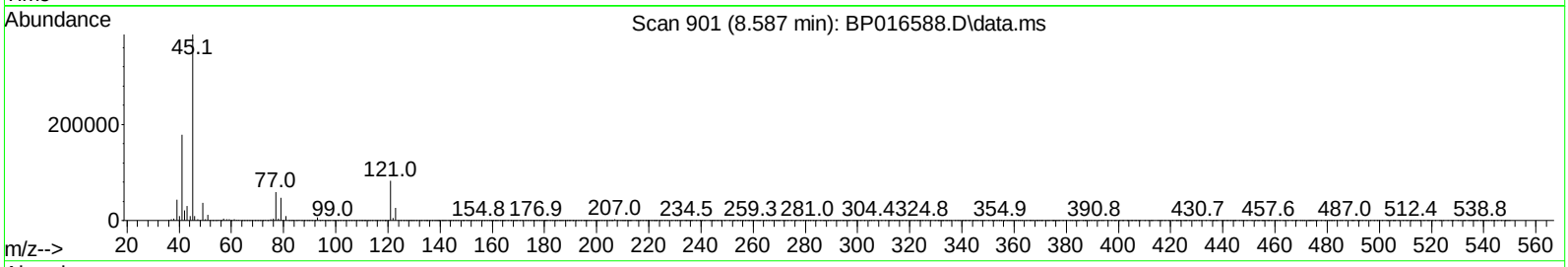

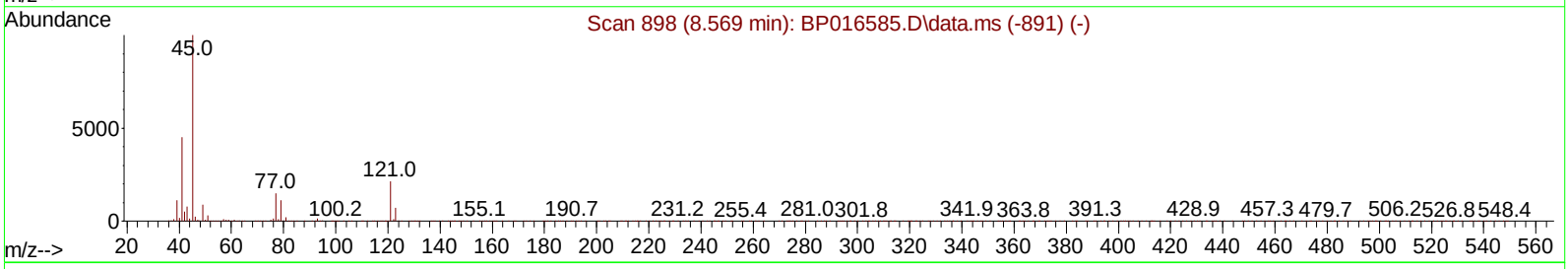

TIC: BP016588.D\data.ms

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

8.587min (+ 0.012) 36.86 ng/ul m

response 1061634

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.37
79.00	10.30	12.22
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	8.057	152	259654	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1199454	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	729207	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	1637160	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1588759	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1674029	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	50370m	7.371	ng/uL	0.00
4) Pyridine-d5	3.828	84	771345	37.102	ng/ul	0.00
7) Phenol-d5	7.193	99	1026570	42.884	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	614644	38.984	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	731267	42.531	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	782446	41.108	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	363831	43.109	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	379353	47.325	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	711039	45.074	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	1001601	37.005	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	2106879	39.946	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	2492979	41.877	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	460602	42.868	ng/ul	0.00
60) Fluorene-d10	15.704	176	1822947	40.542	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	301499	38.711	ng/ul	0.00
73) Anthracene-d10	17.575	188	2916271	41.181	ng/ul	0.00
81) Pyrene-d10	19.804	212	3411394	40.979	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	3464570	43.185	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	112140	14.925	ng/uL	98
5) Pyridine	3.846	79	768013	35.605	ng/ul	97
6) Benzaldehyde	7.210	77	581310	44.053	ng/ul	98
8) Phenol	7.222	94	1042990	40.765	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.487	93	802892	38.848	ng/ul	99
12) 2-Chlorophenol	7.610	128	752838	41.614	ng/ul	98
13) 2-Methylphenol	8.493	108	759919	40.890	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.587	45	1061634m	36.863	ng/ul	
16) Acetophenone	8.904	105	1227707	39.942	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.881	70	658619	39.953	ng/ul	98
18) 4-Methylphenol	8.828	108	837067	40.982	ng/ul	98
19) Hexachloroethane	9.134	117	295336	39.075	ng/ul	98
22) Nitrobenzene	9.299	77	969408	41.031	ng/ul	98
23) Isophorone	9.816	82	1817573	40.730	ng/ul	100
25) 2-Nitrophenol	10.004	139	414474	45.229	ng/ul	97
26) 2,4-Dimethylphenol	10.040	107	886691	41.044	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.299	93	1114253	38.953	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	707721	43.604	ng/ul	99
30) Naphthalene	10.940	128	2461324	39.275	ng/ul	99
32) 4-Chloroaniline	11.069	127	988135	36.867	ng/ul	99
33) Hexachlorobutadiene	11.175	225	390745	39.938	ng/ul	98
34) Caprolactam	11.881	113	254972	39.997	ng/ul	97
35) 4-Chloro-3-methylphenol	12.157	107	853970	43.045	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.540	142	1627364	38.767	ng/ul	99
37) 1-Methylnaphthalene	12.757	142	1648154	38.993	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.887	216	789716	40.489	ng/ul	100
40) Hexachlorocyclopentadiene	12.840	237	399590	33.671	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	545885	44.971	ng/ul	98
42) 2,4,5-Trichlorophenol	13.204	196	612188	46.527	ng/ul	100
43) 1,1'-Biphenyl	13.545	154	2171750	40.067	ng/ul	98
44) 2-Chloronaphthalene	13.592	162	1702518	40.370	ng/ul	99
45) 2-Nitroaniline	13.816	65	584849	45.866	ng/ul	96
47) Dimethylphthalate	14.163	163	2182315	40.468	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	443434	47.474	ng/ul	98
50) Acenaphthylene	14.439	152	2719793	38.794	ng/ul	99
51) 3-Nitroaniline	14.645	138	486105	46.414	ng/ul	94
52) Acenaphthene	14.775	153	1868728	39.818	ng/ul	97
53) 2,4-Dinitrophenol	14.839	184	193178	37.151	ng/ul	93
55) 4-Nitrophenol	14.922	109	370720	42.441	ng/ul	98
56) Dibenzofuran	15.110	168	2565793	40.071	ng/ul	98
57) 2,4-Dinitrotoluene	15.087	165	652471	46.647	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.322	232	505179	45.825	ng/ul	97
59) Diethylphthalate	15.522	149	2234250	40.522	ng/ul	99
61) Fluorene	15.757	166	2109865	40.185	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	979234	39.731	ng/ul	96
63) 4-Nitroaniline	15.810	138	512339	51.118	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.839	198	317058	36.714	ng/ul	94
67) N-Nitrosodiphenylamine	15.969	169	1806582	40.709	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	607708	41.574	ng/ul	99
69) Hexachlorobenzene	16.733	284	686179	40.175	ng/ul	99
70) Atrazine	16.922	200	613070	38.399	ng/ul	99
71) Pentachlorophenol	17.092	266	438559	41.705	ng/ul	98
72) Phenanthrene	17.516	178	3470077	40.232	ng/ul	100
74) Anthracene	17.610	178	3491312	40.299	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.498	216	783563	37.661	ng/uL	96
76) Pentachlorobenzene	14.998	250	759368	40.677	ng/uL	99
77) Carbazole	17.886	167	3339419	41.827	ng/ul	99
78) Di-n-butylphthalate	18.398	149	4008878	43.376	ng/ul	100
80) Fluoranthene	19.475	202	4112134	41.387	ng/ul	98
82) Pyrene	19.833	202	4313088	41.109	ng/ul	98
83) Butylbenzylphthalate	20.692	149	1935016	45.782	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.492	252	1471690	42.539	ng/ul	99
85) Benzo(a)anthracene	21.557	228	4352564	40.764	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	2852923	46.510	ng/ul	98
87) Chrysene	21.610	228	4027307	40.307	ng/ul	100
89) Di-n-octyl phthalate	22.421	149	4987361	47.750	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	4358196	43.724	ng/ul	98
91) Benzo(k)fluoranthene	23.410	252	4224504	42.722	ng/ul	99
93) Benzo(a)pyrene	24.045	252	3758767	39.976	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.921	276	4456940	40.162	ng/ul	99
95) Dibenzo(a,h)anthracene	26.945	278	3692861	39.987	ng/ul	99
96) Benzo(g,h,i)perylene	27.780	276	3524646	39.907	ng/ul	97

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

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