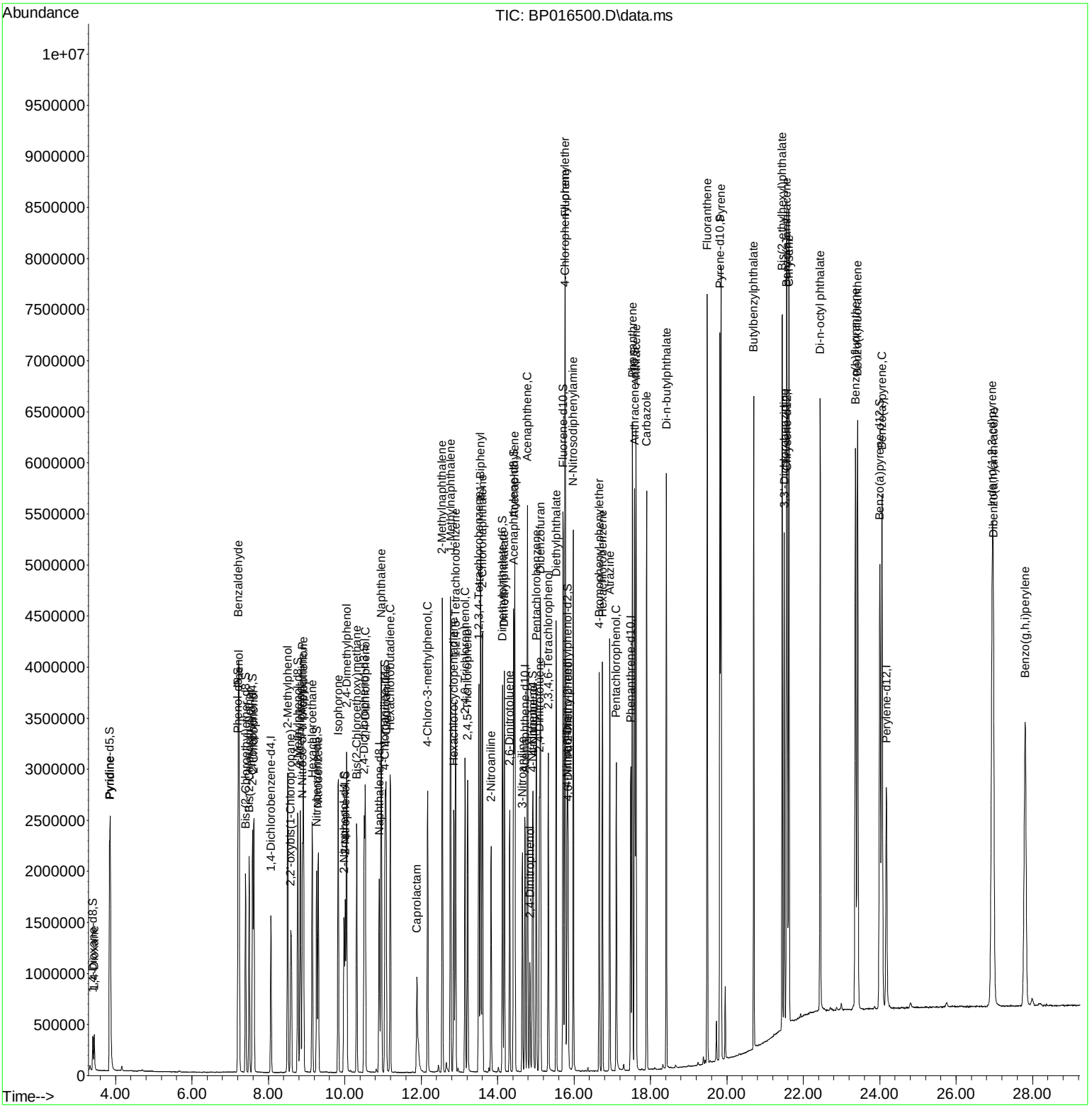
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080423\
Data File : BP016500.D
Acq On : 04 Aug 2023 13:30
Operator : MA/JU
Sample : SSTD04014
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 14:24:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 04 14:09:57 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040614

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



Quantitation Report (Qedit)

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Data File : BP016500.D
Acq On : 04 Aug 2023 13:30
Operator : MA/JU
Sample : SSTD04014
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 14:12:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080423.MA.M
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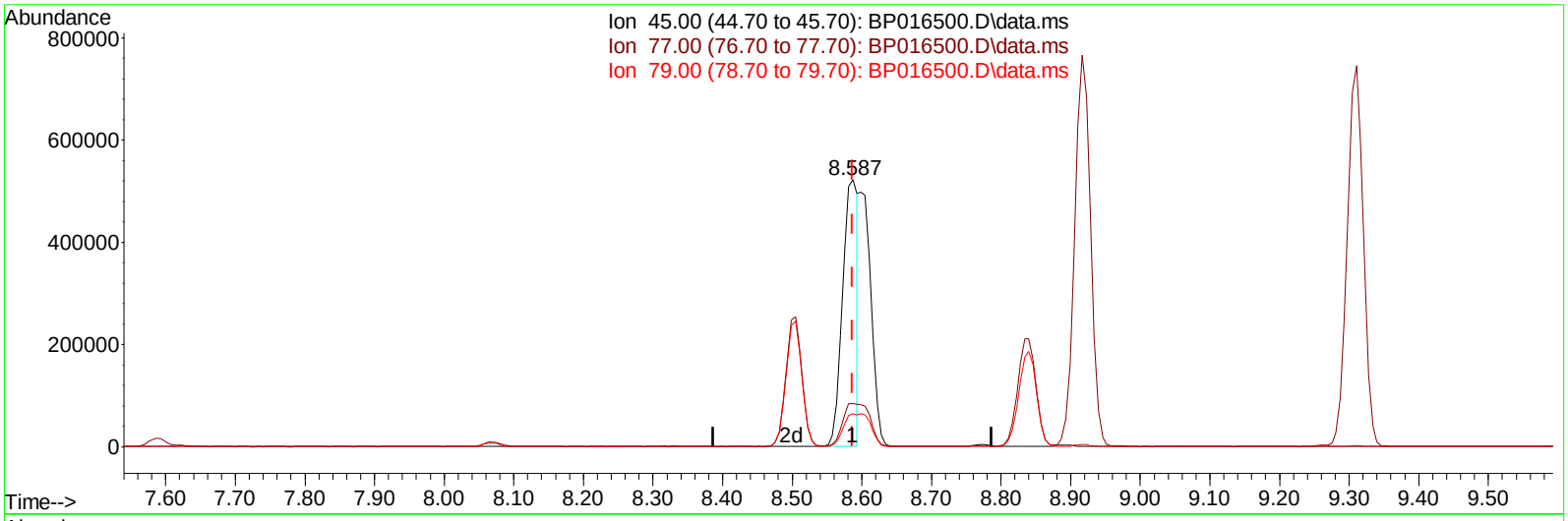

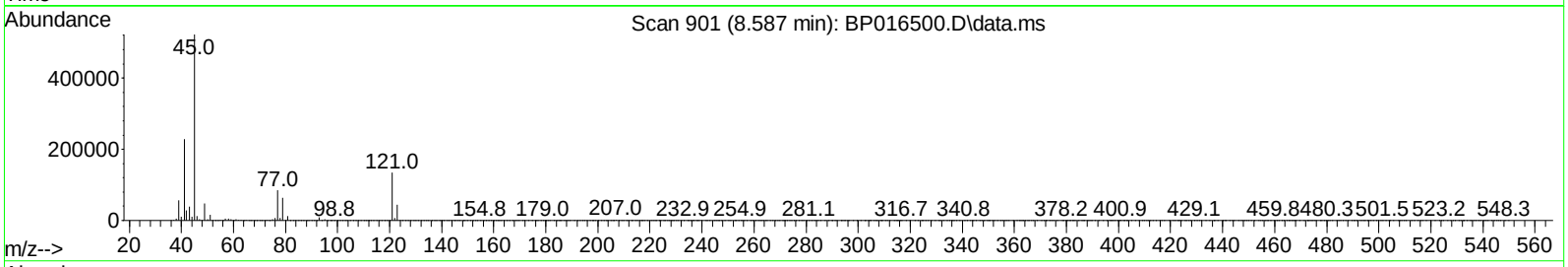

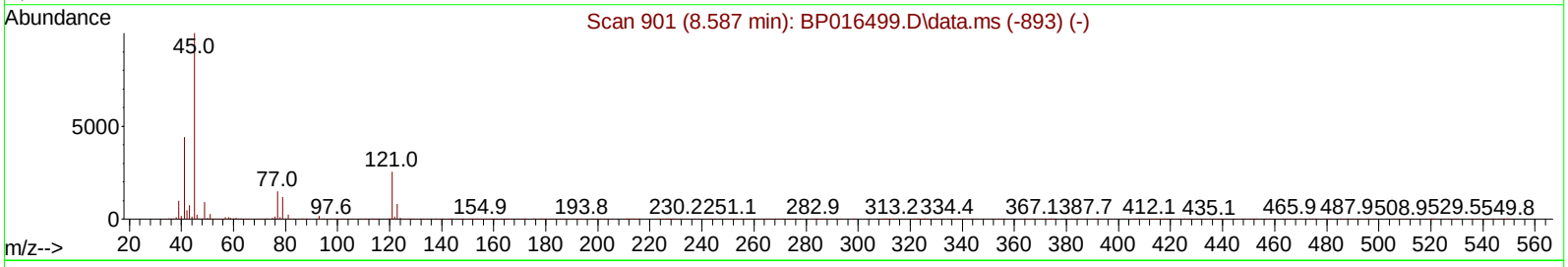

TIC: BP016500.D\data.ms

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

8.587min (+ 0.000) 22.26 ng/ul

response 790894

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	16.22
79.00	12.30	12.34
0.00	0.00	0.00

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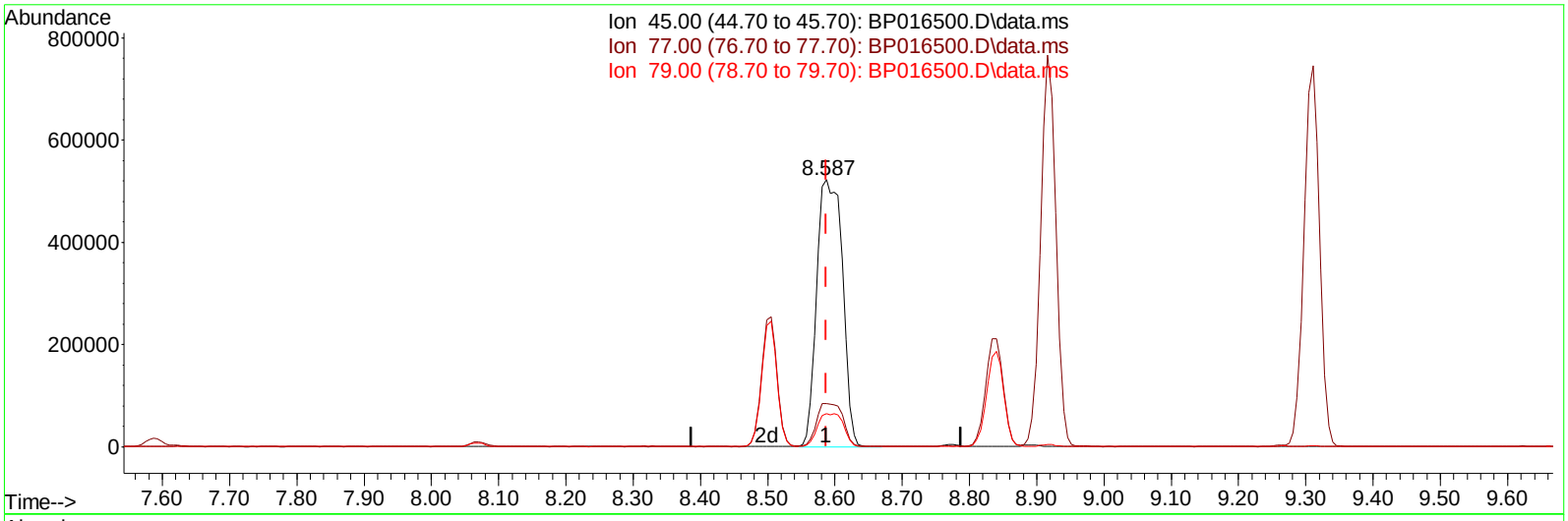

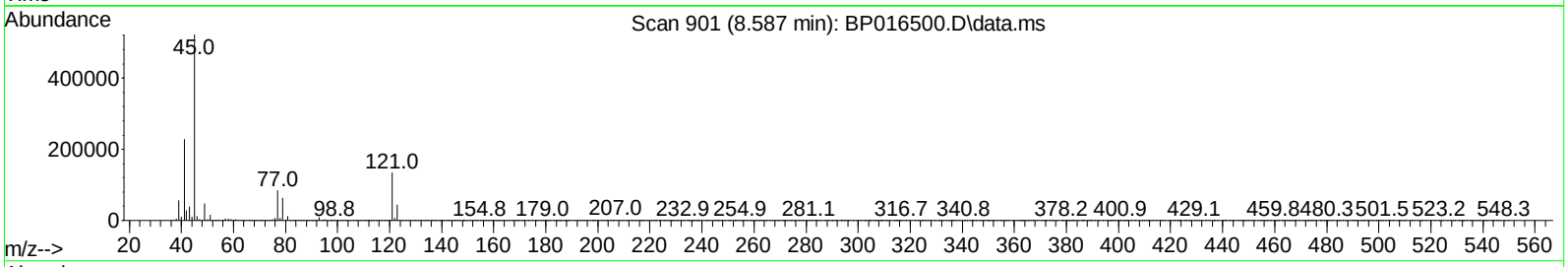

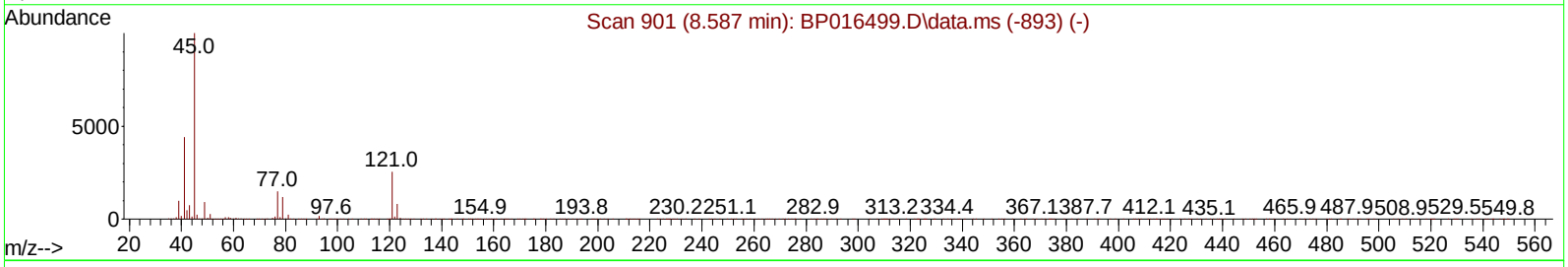

TIC: BP016500.D\data.ms

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

8.587min (+ 0.000) 38.93 ng/ul m

response 1383158

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	16.22
79.00	12.30	12.34
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	8.069	152	411909	20.000	ng/ul	0.00
20) Naphthalene-d8	10.905	136	1584179	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	844718	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.487	188	1718631	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1525007	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1710697	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	189603	18.150	ng/uL	0.00
4) Pyridine-d5	3.840	84	1248422	42.120	ng/ul	0.00
7) Phenol-d5	7.205	99	1344420	39.003	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	827472	39.985	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	1109591	41.262	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	1025588	36.997	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	495475	50.792	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	488650	60.737	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	940663	42.182	ng/ul	0.00
31) 4-Chloroaniline-d4	11.052	131	1344317	38.749	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	2453988	39.694	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	3010143	41.214	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	477367	46.083	ng/ul	0.00
60) Fluorene-d10	15.710	176	2107347	40.068	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	323533	57.153	ng/ul	0.00
73) Anthracene-d10	17.587	188	3116096	40.932	ng/ul	0.00
81) Pyrene-d10	19.816	212	3510036	40.536	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	3505953	42.478	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	199324	17.994	ng/uL	96
5) Pyridine	3.864	79	1272695	42.204	ng/ul	99
6) Benzaldehyde	7.222	77	761066	40.472	ng/ul	98
8) Phenol	7.234	94	1390313	38.786	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.499	93	1158770	39.461	ng/ul	100
12) 2-Chlorophenol	7.622	128	1127901	40.794	ng/ul	98
13) 2-Methylphenol	8.505	108	1021537	37.166	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.587	45	1383158m	38.927	ng/ul	
16) Acetophenone	8.916	105	1600737	36.591	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.893	70	763757	33.527	ng/ul	99
18) 4-Methylphenol	8.840	108	1075276	36.615	ng/ul	99
19) Hexachloroethane	9.146	117	480451	41.535	ng/ul	99
22) Nitrobenzene	9.311	77	1212028	46.410	ng/ul	97
23) Isophorone	9.828	82	2142168	36.417	ng/ul	98
25) 2-Nitrophenol	10.016	139	554701	55.256	ng/ul	98
26) 2,4-Dimethylphenol	10.052	107	1116774	39.345	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.310	93	1399334	39.456	ng/ul	100
29) 2,4-Dichlorophenol	10.534	162	944372	41.890	ng/ul	99
30) Naphthalene	10.952	128	3327419	40.554	ng/ul	99
32) 4-Chloroaniline	11.081	127	1325798	38.982	ng/ul	100
33) Hexachlorobutadiene	11.187	225	610721	41.219	ng/ul	100
34) Caprolactam	11.887	113	280709	34.955	ng/ul	92
35) 4-Chloro-3-methylphenol	12.169	107	956772	38.341	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	12.552	142	2134879	38.179	ng/ul	100
37) 1-Methylnaphthalene	12.769	142	2134549	38.180	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.899	216	1093469	43.816	ng/ul	98
40) Hexachlorocyclopentadiene	12.852	237	661894	37.153	ng/ul	99
41) 2,4,6-Trichlorophenol	13.146	196	683646	46.495	ng/ul	99
42) 2,4,5-Trichlorophenol	13.216	196	726984	46.199	ng/ul	98
43) 1,1'-Biphenyl	13.557	154	2654484	41.618	ng/ul	100
44) 2-Chloronaphthalene	13.604	162	2115870	42.405	ng/ul	99
45) 2-Nitroaniline	13.828	65	557923	53.440	ng/ul	96
47) Dimethylphthalate	14.175	163	2476751	39.726	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	485098	53.994	ng/ul	94
50) Acenaphthylene	14.446	152	3419360	41.094	ng/ul	100
51) 3-Nitroaniline	14.651	138	503417	47.896	ng/ul	99
52) Acenaphthene	14.781	153	2205322	41.102	ng/ul	98
53) 2,4-Dinitrophenol	14.846	184	200112	52.079	ng/ul	96
55) 4-Nitrophenol	14.928	109	351890	42.143	ng/ul	94
56) Dibenzofuran	15.122	168	2962821	40.337	ng/ul	98
57) 2,4-Dinitrotoluene	15.093	165	688090	53.719	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.328	232	575482	45.843	ng/ul	99
59) Diethylphthalate	15.534	149	2415060	38.460	ng/ul	100
61) Fluorene	15.769	166	2364891	39.639	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.763	204	1168035	40.160	ng/ul	96
63) 4-Nitroaniline	15.816	138	468684	48.629	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.845	198	364729	53.894	ng/ul#	93
67) N-Nitrosodiphenylamine	15.981	169	1995644	41.414	ng/ul	98
68) 4-Bromophenyl-phenylether	16.663	248	706019	43.317	ng/ul	99
69) Hexachlorobenzene	16.745	284	810733	41.481	ng/ul	98
70) Atrazine	16.934	200	709254	40.341	ng/ul	99
71) Pentachlorophenol	17.104	266	496650	45.093	ng/ul	98
72) Phenanthrene	17.528	178	3674945	41.092	ng/ul	99
74) Anthracene	17.622	178	3732519	40.973	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.510	216	1118645	45.092	ng/uL	99
76) Pentachlorobenzene	15.010	250	949950	43.332	ng/uL	99
77) Carbazole	17.898	167	3377834	43.077	ng/ul	100
78) Di-n-butylphthalate	18.416	149	3979649	39.853	ng/ul	100
80) Fluoranthene	19.486	202	4138670	39.872	ng/ul	99
82) Pyrene	19.845	202	4327892	40.358	ng/ul	98
83) Butylbenzylphthalate	20.704	149	1750986	43.129	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.504	252	1417264	42.283	ng/ul	98
85) Benzo(a)anthracene	21.569	228	4220970	40.864	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	2511899	40.561	ng/ul	98
87) Chrysene	21.622	228	3942078	41.212	ng/ul	99
89) Di-n-octyl phthalate	22.439	149	4303856	40.023	ng/ul	100
90) Benzo(b)fluoranthene	23.369	252	4188255	40.882	ng/ul	99
91) Benzo(k)fluoranthene	23.422	252	4310692	42.281	ng/ul	99
93) Benzo(a)pyrene	24.063	252	4054293	42.020	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.945	276	5003894	44.913	ng/ul	99
95) Dibenzo(a,h)anthracene	26.974	278	4173977	45.297	ng/ul	99
96) Benzo(g,h,i)perylene	27.804	276	4013236	45.499	ng/ul	99

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