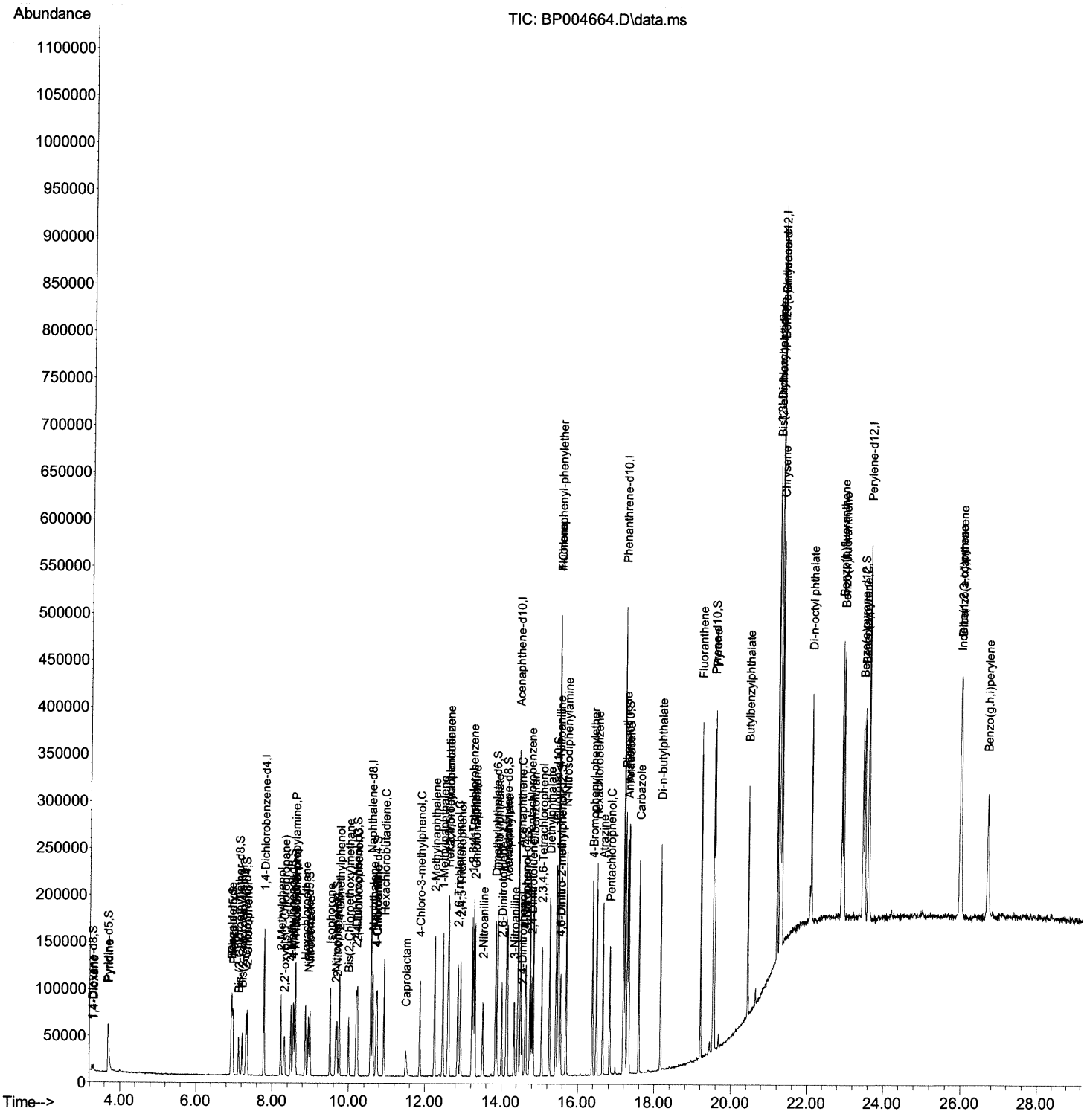
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012921\
Data File : BP004664.D
Acq On : 29 Jan 2021 12:20
Operator : CG/JU
Sample : SSTD01005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 29 13:35:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 13:32:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010005

Manual Integrations APPROVED
mohammad
2/1/2021 11:50:43 AM



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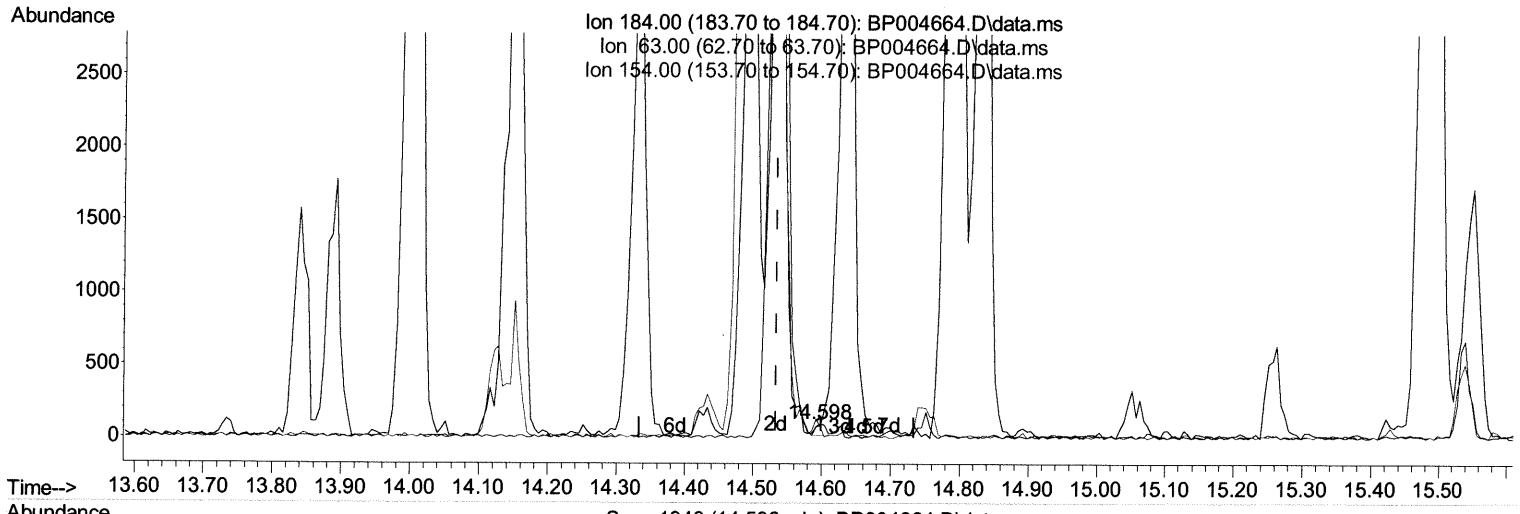

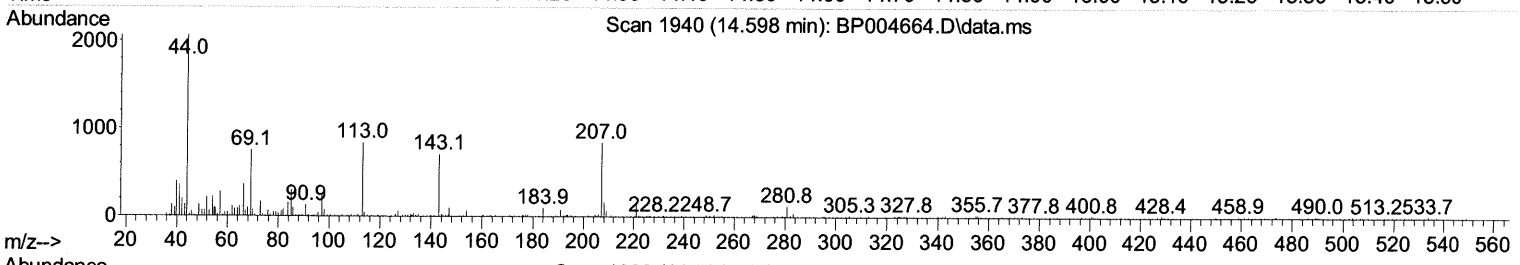

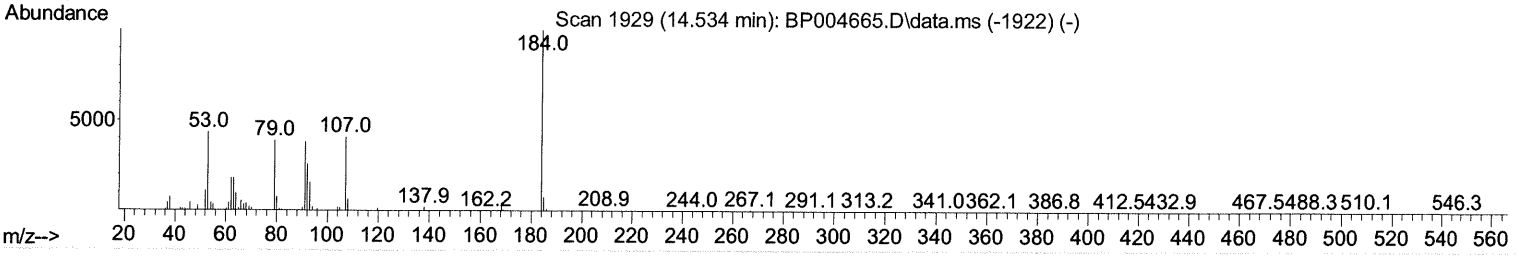

TIC: BP004664.D\data.ms

(53) 2,4-Dinitrophenol

14.598min (+ 0.065) 0.06 ng/ul

response 80

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	76.00	89.58
154.00	70.40	71.88
0.00	0.00	0.00

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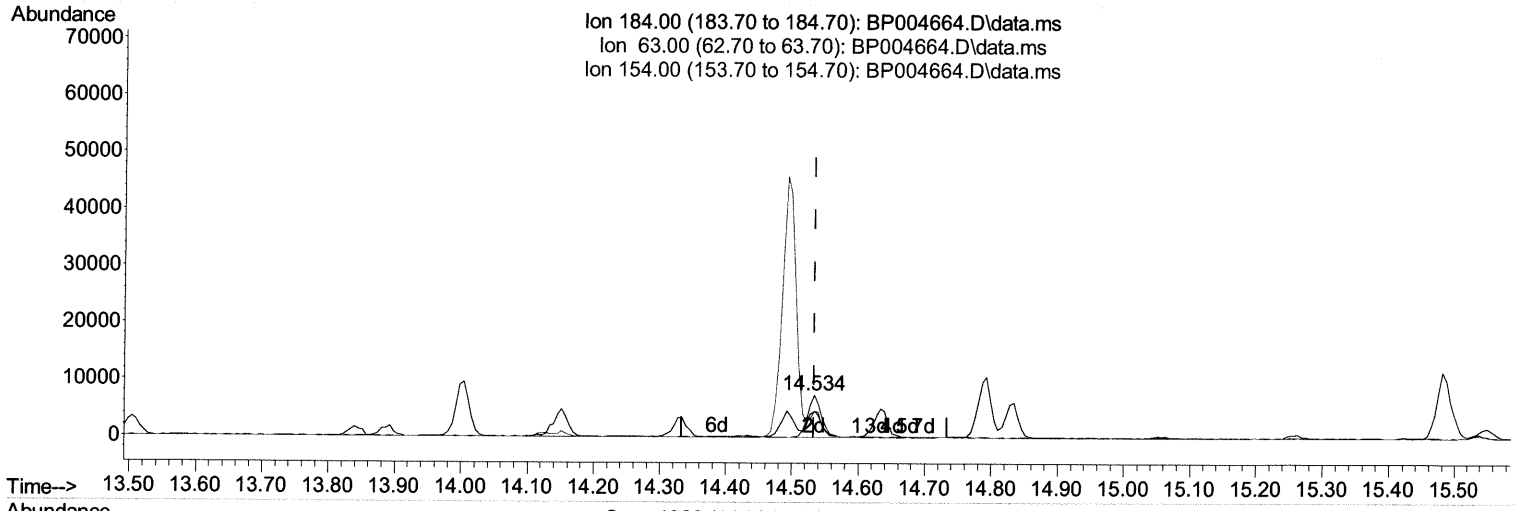

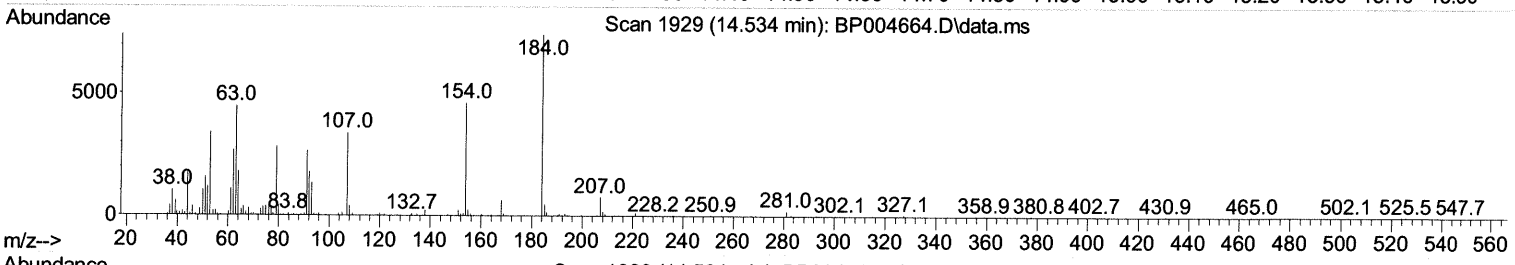

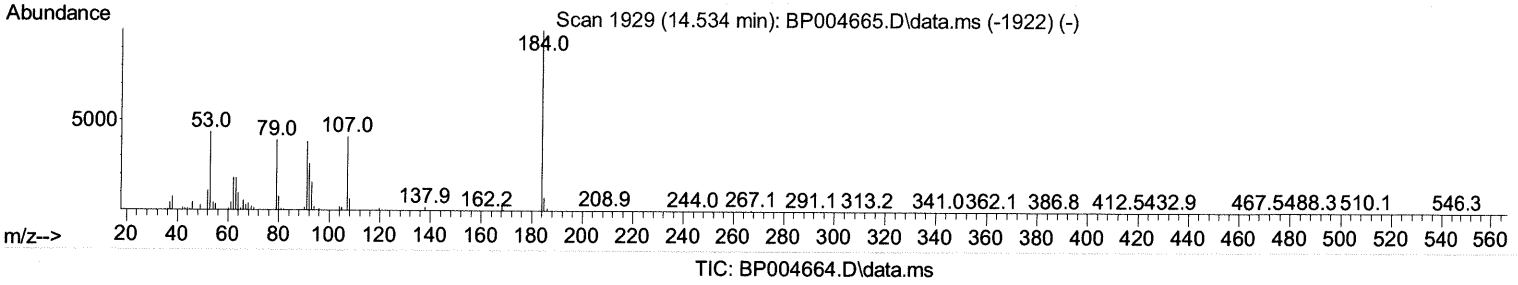

TIC: BP004664.D\data.ms

(53) 2,4-Dinitrophenol

14.534min (-0.000) 7.91 ng/ul m 02/08/21 JU

response 10592

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	76.00	60.39#
154.00	70.40	62.45
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	35984	20.00	ng/ul	0.00
20) Naphthalene-d8	10.575	136	134295	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	113998	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	287619	20.00	ng/ul	0.00
79) Chrysene-d12	21.269	240	325540	20.00	ng/ul	0.00
88) Perylene-d12	23.586	264	308747	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	3434	4.62	ng/uL	0.00
4) Pyridine-d5	3.681	84	20080	10.00	ng/ul	0.00
7) Phenol-d5	6.946	99	28556	10.17	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	18207	11.75	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	19938	9.29	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	21405	9.27	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	9358	8.81	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	12595	9.09	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	28068	9.50	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	28733	9.11	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	94538	9.75	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	101069	9.13	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	12781	8.63	ng/ul	0.00
60) Fluorene-d10	15.428	176	85761	10.01	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	16754	8.04	ng/ul	0.00
73) Anthracene-d10	17.280	188	141592	9.79	ng/ul	0.00
81) Pyrene-d10	19.522	212	171591	9.30	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	167768	9.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	3763	4.85	ng/uL	91
5) Pyridine	3.699	79	22135	10.92	ng/ul	98
6) Benzaldehyde	6.928	77	21347	16.03	ng/ul	97
8) Phenol	6.975	94	30243	10.60	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.210	93	22915	10.58	ng/ul	98
12) 2-Chlorophenol	7.346	128	20931	9.80	ng/ul	98
13) 2-Methylphenol	8.222	108	22326	9.94	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	25677	11.75	ng/ul	96
16) Acetophenone	8.604	105	39123	10.29	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.587	70	23037	11.42	ng/ul	96
18) 4-Methylphenol	8.546	108	24583	10.14	ng/ul	99
19) Hexachloroethane	8.863	117	10835	9.88	ng/ul	92
22) Nitrobenzene	8.981	77	34244	10.73	ng/ul	98
23) Isophorone	9.504	82	57733	9.93	ng/ul	96
25) 2-Nitrophenol	9.693	139	12357	9.07	ng/ul	98
26) 2,4-Dimethylphenol	9.751	107	31051	10.25	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.993	93	31752	10.69	ng/ul	93
29) 2,4-Dichlorophenol	10.222	162	28191	10.11	ng/ul	96
30) Naphthalene	10.628	128	73439	9.91	ng/ul	98
32) 4-Chloroaniline	10.734	127	30375	9.85	ng/ul	96
33) Hexachlorobutadiene	10.916	225	26660	10.85	ng/ul	96
34) Caprolactam	11.493	113	6901	9.00	ng/ul	90
35) 4-Chloro-3-methylphenol	11.863	107	28356	10.34	ng/ul	98

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Misc :
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Instrument : BNA_P
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	60139	10.16	ng/ul	99
37) 1-Methylnaphthalene	12.463	142	60179	10.61	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.610	216	48590	10.66	ng/ul	95
40) Hexachlorocyclopentadiene	12.598	237	30705	8.77	ng/ul#	90
41) 2,4,6-Trichlorophenol	12.857	196	28459	10.10	ng/ul	91
42) 2,4,5-Trichlorophenol	12.922	196	30172	10.23	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	89752	10.10	ng/ul	95
44) 2-Chloronaphthalene	13.298	162	73899	10.03	ng/ul	97
45) 2-Nitroaniline	13.504	65	20349	10.06	ng/ul	94
47) Dimethylphthalate	13.887	163	96851	9.98	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	17368	8.80	ng/ul	93
50) Acenaphthylene	14.151	152	99561	9.50	ng/ul	98
51) 3-Nitroaniline	14.334	138	14063	10.76	ng/ul	93
52) Acenaphthene	14.492	153	74670	9.96	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	10592m>	7.91	ng/ul>	02/08/21JU
55) 4-Nitrophenol	14.634	109	17345	9.40	ng/ul	94
56) Dibenzofuran	14.834	168	117556	10.37	ng/ul	97
57) 2,4-Dinitrotoluene	14.792	165	25319	9.13	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.051	232	29468	10.01	ng/ul	96
59) Diethylphthalate	15.257	149	90897	9.64	ng/ul	98
61) Fluorene	15.481	166	96926	10.15	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.481	204	59714	10.62	ng/ul	96
63) 4-Nitroaniline	15.492	138	15121	11.77	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.551	198	17451	7.98	ng/ul#	93
67) N-Nitrosodiphenylamine	15.692	169	82216	9.52	ng/ul	98
68) 4-Bromophenyl-phenylether	16.381	248	39250	9.76	ng/ul	97
69) Hexachlorobenzene	16.486	284	45211	10.04	ng/ul	97
70) Atrazine	16.645	200	36048	9.06	ng/ul	95
71) Pentachlorophenol	16.828	266	25226	8.72	ng/ul	96
72) Phenanthrene	17.228	178	168269	10.12	ng/ul	98
74) Anthracene	17.322	178	166582	9.79	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	50852	10.76	ng/uL	99
76) Pentachlorobenzene	14.751	250	55401	10.70	ng/uL	96
77) Carbazole	17.592	167	136279	9.68	ng/ul	100
78) Di-n-butylphthalate	18.151	149	142241	8.46	ng/ul	99
80) Fluoranthene	19.198	202	207367	8.82	ng/ul	99
82) Pyrene	19.551	202	215404	9.08	ng/ul	99
83) Butylbenzylphthalate	20.427	149	58397	7.49	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.186	252	74832	9.19	ng/ul	99
85) Benzo(a)anthracene	21.257	228	220993	9.95	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.192	149	87948	7.85	ng/ul#	96
87) Chrysene	21.304	228	210434	9.96	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	145774	8.39	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	218511	10.53	ng/ul	99
91) Benzo(k)fluoranthene	22.927	252	208243	10.21	ng/ul	98
93) Benzo(a)pyrene	23.480	252	186586	9.90	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.956	276	231382	9.46	ng/ul	98
95) Dibenzo(a,h)anthracene	25.974	278	195624	9.38	ng/ul	97
96) Benzo(g,h,i)perylene	26.680	276	191543	9.46	ng/ul	99

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