Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050353.D
Acq On : 1 Oct 2021 11:35
Operator : CG/JU
Sample : M3876-02MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 01 12:59:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW7W1MS

Manual Integrations APPROVED
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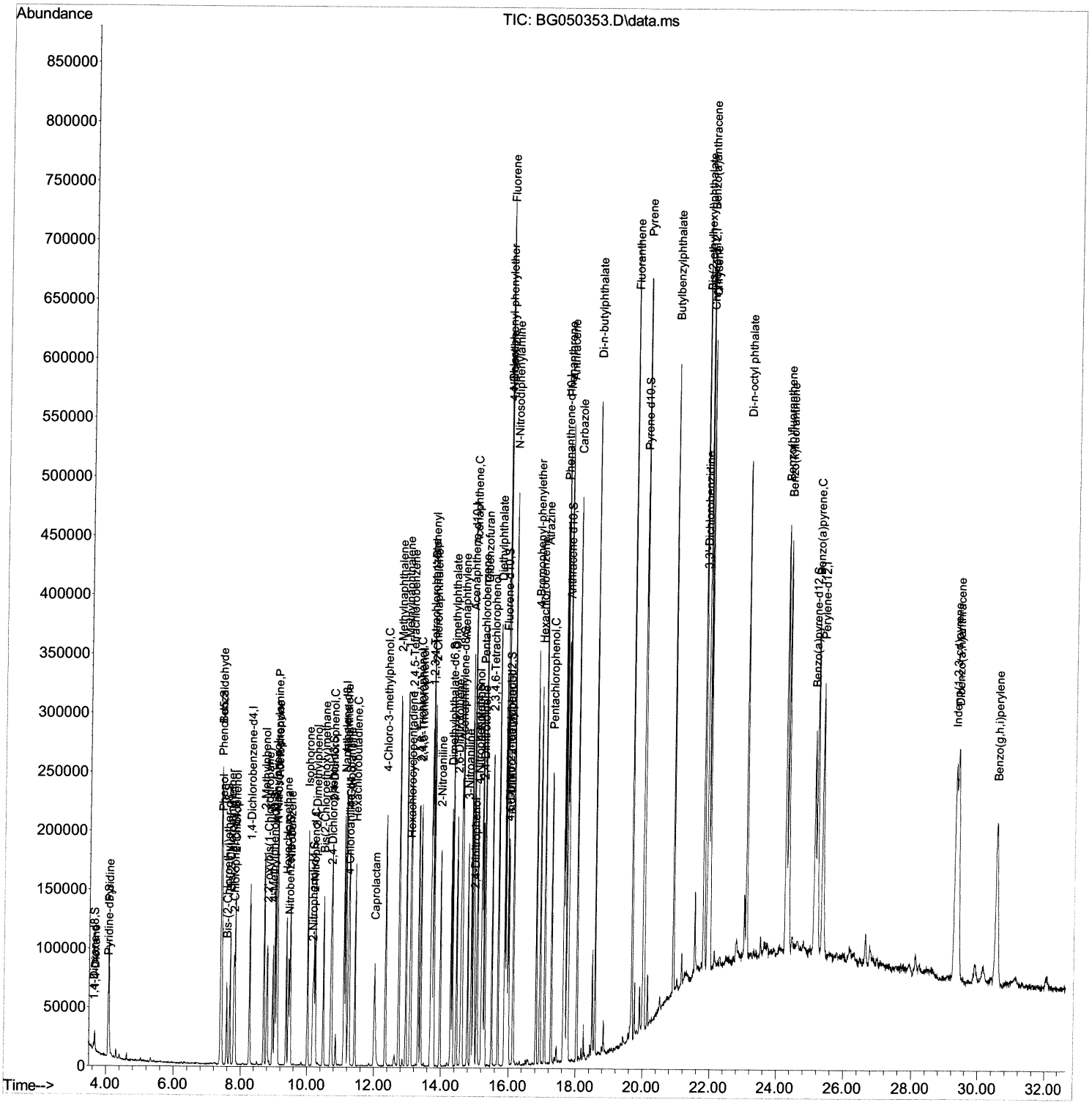
10/4/2021 11:50:07 AM



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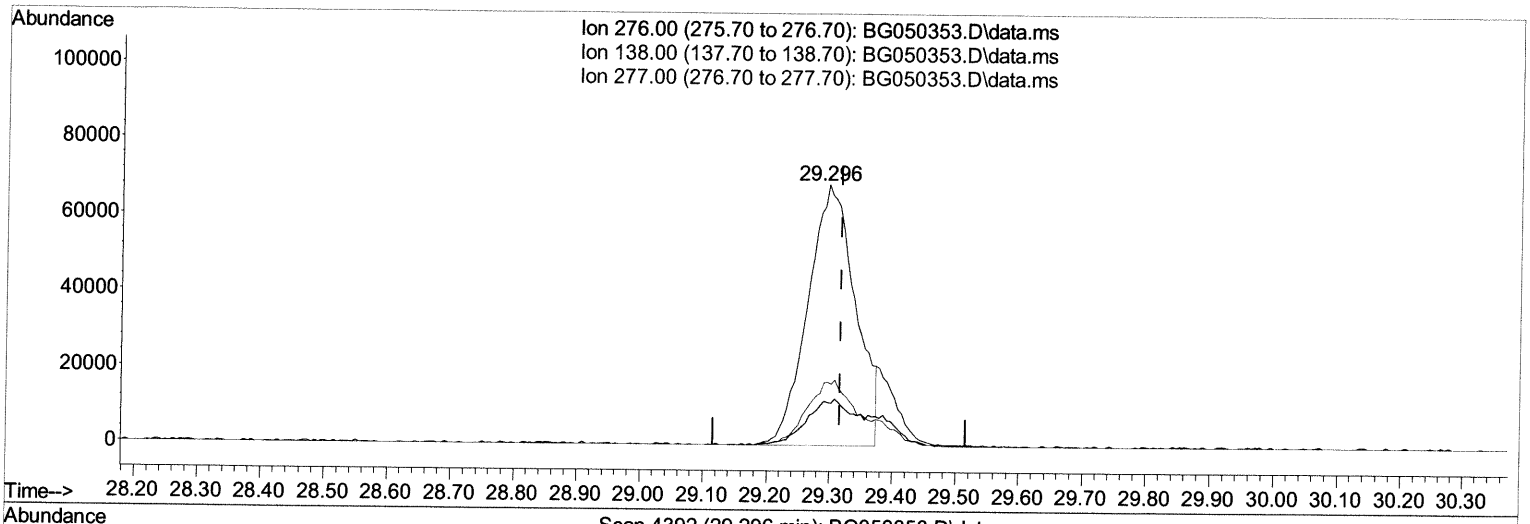

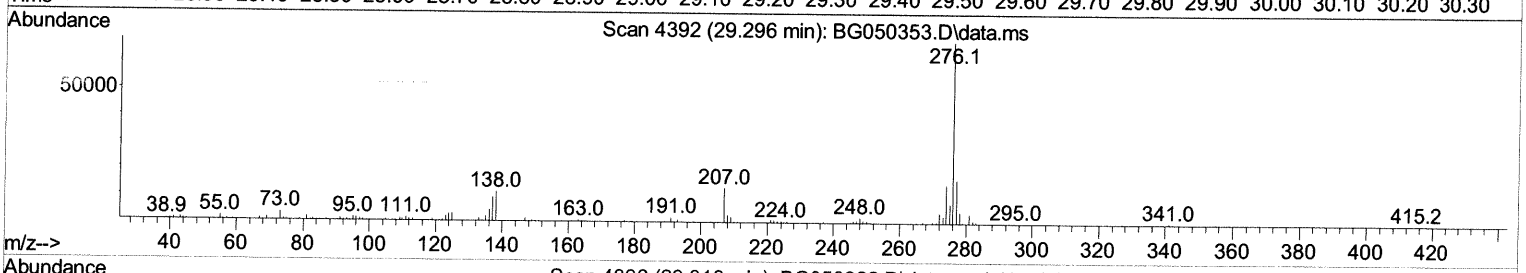

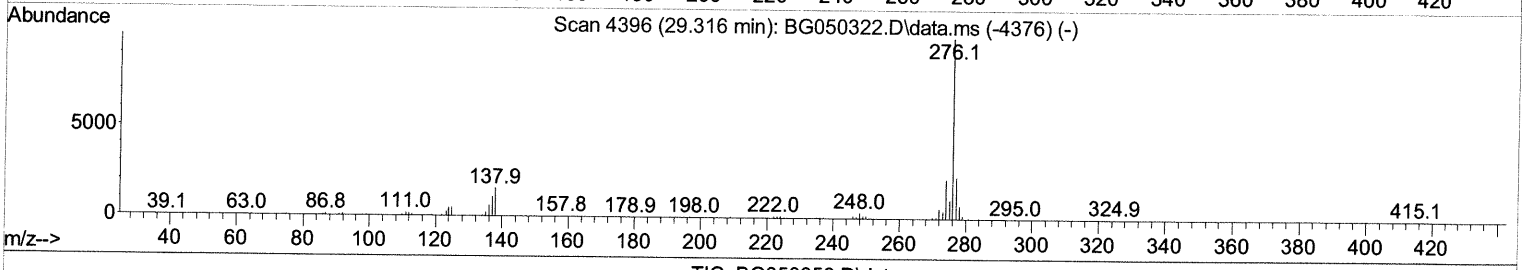

TIC: BG050353.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.296min (-0.020) 22.54 ng/ul

response 359790

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.50	16.43
277.00	23.10	24.26
0.00	0.00	0.00

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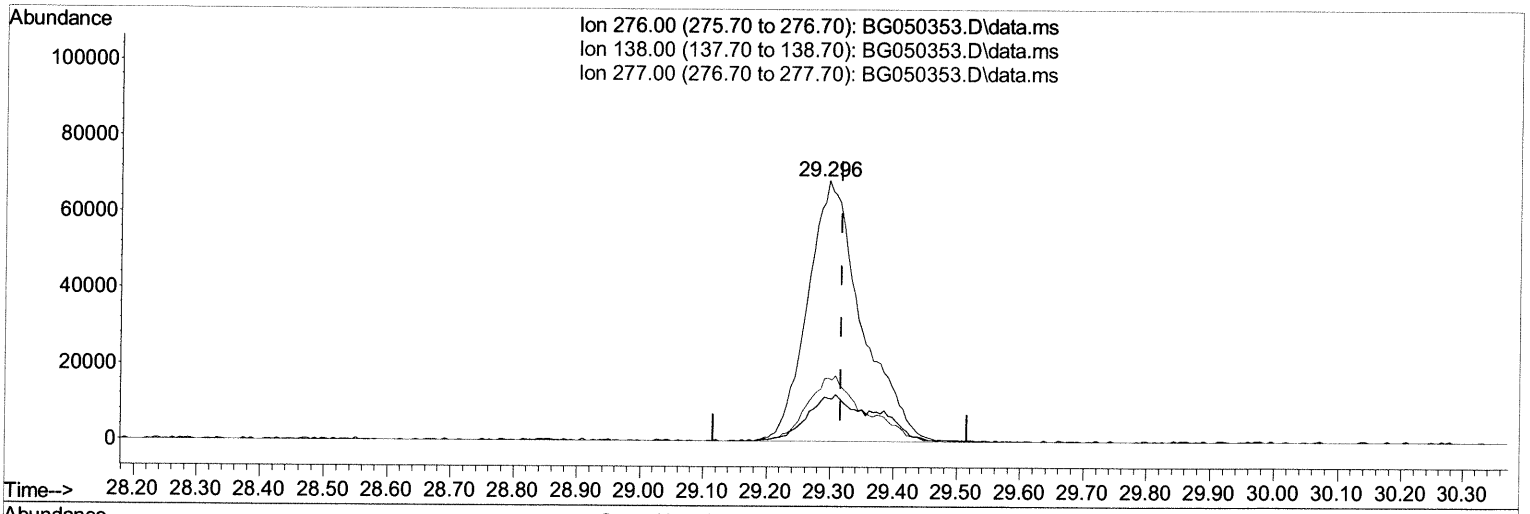

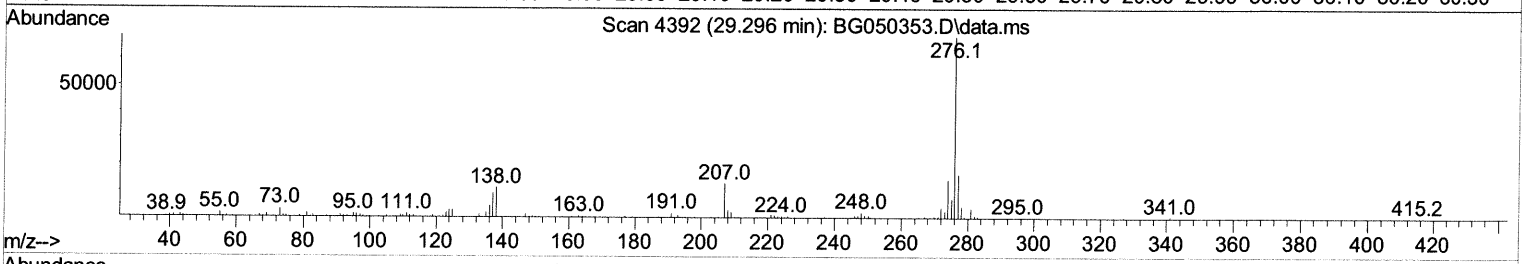

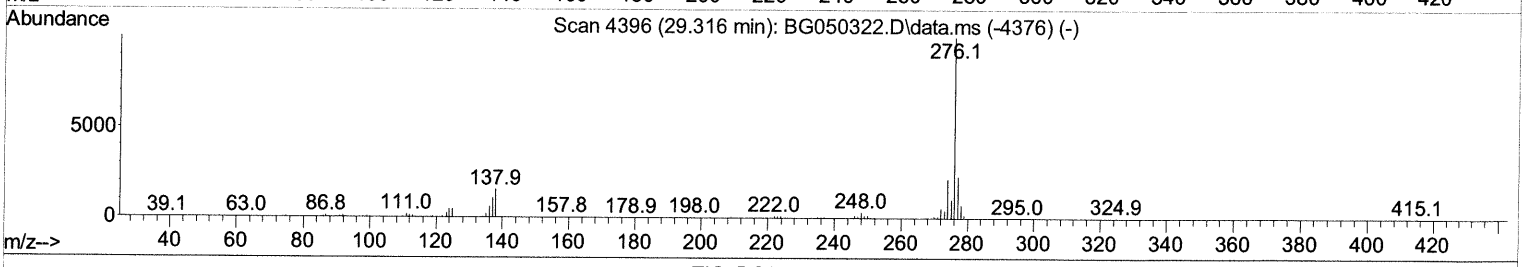

TIC: BG050353.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.296min (-0.020) 25.21 ng/ul m 10/05/21 JU

response 402330

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.50	16.43
277.00	23.10	24.26
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	8.274	152	40865	20.000	ng/ul	0.00
20) Naphthalene-d8	11.100	136	175124	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.890	164	123607	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.634	188	282929	20.000	ng/ul	0.00
79) Chrysene-d12	21.934	240	245167	20.000	ng/ul	-0.01
88) Perylene-d12	25.366	264	244620	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.632	96	2855	2.567	ng/uL	0.00
4) Pyridine-d5	4.061	84	22742	6.862	ng/ul	0.00
7) Phenol-d5	7.398	99	55357	15.505	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.586	67	36388	16.194	ng/ul	0.00
11) 2-Chlorophenol-d4	7.798	132	38143	15.247	ng/ul	0.00
15) 4-Methylphenol-d8	8.961	113	39393	14.577	ng/ul	0.00
21) Nitrobenzene-d5	9.437	128	21023	17.160	ng/ul	0.00
24) 2-Nitrophenol-d4	10.166	143	21496	16.349	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.706	165	41532	15.996	ng/ul	0.00
31) 4-Chloroaniline-d4	11.223	131	55443	14.948	ng/ul	0.00
46) Dimethylphthalate-d6	14.285	166	140723	16.635	ng/ul	0.00
49) Acenaphthylene-d8	14.584	160	174709	16.445	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	27163	16.672	ng/ul	0.00
60) Fluorene-d10	15.877	176	131452	17.247	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	22498	15.943	ng/ul	0.00
73) Anthracene-d10	17.733	188	209010	17.487	ng/ul	0.00
81) Pyrene-d10	20.007	212	249323	19.125	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.125	264	204827	16.652	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.673	88	9154	6.802	ng/uL#	88
5) Pyridine	4.085	79	54977	16.375	ng/ul	94
6) Benzaldehyde	7.404	77	57193	24.289	ng/ul	96
8) Phenol	7.428	94	84901	23.200	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.680	93	60180	21.924	ng/ul	97
12) 2-Chlorophenol	7.827	128	56588	22.109	ng/ul	93
13) 2-Methylphenol	8.697	108	59467	22.050	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.797	45	95134	23.100	ng/ul#	95
16) Acetophenone	9.096	105	99636	23.205	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.073	70	58742	22.765	ng/ul#	94
18) 4-Methylphenol	9.026	108	64931	22.734	ng/ul	94
19) Hexachloroethane	9.367	117	23918	21.743	ng/ul	93
22) Nitrobenzene	9.484	77	83119	22.638	ng/ul	99
23) Isophorone	10.007	82	155471	22.033	ng/ul	100
25) 2-Nitrophenol	10.201	139	31585	23.373	ng/ul	98
26) 2,4-Dimethylphenol	10.242	107	58693	17.497	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.489	93	84552	22.194	ng/ul	97
29) 2,4-Dichlorophenol	10.730	162	59362	23.094	ng/ul	97
30) Naphthalene	11.153	128	199235	22.160	ng/ul	99
32) 4-Chloroaniline	11.247	127	81097	21.718	ng/ul	96
33) Hexachlorobutadiene	11.429	225	39305	21.041	ng/ul	93
34) Caprolactam	12.011	113	23038	23.198	ng/ul	80
35) 4-Chloro-3-methylphenol	12.340	107	74000	24.418	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.733	142	143709	23.510	ng/ul	97
37) 1-Methylnaphthalene	12.951	142	138750	22.547	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.092	216	80059	22.444	ng/ul#	97
40) Hexachlorocyclopentadiene	13.068	237	37874	16.010	ng/ul	91
41) 2,4,6-Trichlorophenol	13.327	196	54404	24.198	ng/ul	99
42) 2,4,5-Trichlorophenol	13.391	196	57834	23.515	ng/ul	98
43) 1,1'-Biphenyl	13.726	154	190035	22.845	ng/ul	98
44) 2-Chloronaphthalene	13.773	162	150114	23.035	ng/ul	98
45) 2-Nitroaniline	13.967	65	52767	24.732	ng/ul	99
47) Dimethylphthalate	14.332	163	197322	23.183	ng/ul	97
48) 2,6-Dinitrotoluene	14.455	165	39006	24.363	ng/ul	98
50) Acenaphthylene	14.614	152	231259	21.461	ng/ul	98
51) 3-Nitroaniline	14.784	138	42400	24.346	ng/ul	99
52) Acenaphthene	14.954	153	165347	23.216	ng/ul	99
53) 2,4-Dinitrophenol	14.984	184	22808	22.855	ng/ul	91
55) 4-Nitrophenol	15.066	109	38176	23.695	ng/ul	95
56) Dibenzofuran	15.283	168	237350	22.914	ng/ul	95
57) 2,4-Dinitrotoluene	15.236	165	55629	23.928	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.501	232	51480	24.341	ng/ul	91
59) Diethylphthalate	15.689	149	213180	24.004	ng/ul	99
61) Fluorene	15.936	166	193519	23.483	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.918	204	102419	22.948	ng/ul	94
63) 4-Nitroaniline	15.941	138	44170	25.115	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.994	198	32327	23.175	ng/ul	95
67) N-Nitrosodiphenylamine	16.129	169	174642	24.413	ng/ul	97
68) 4-Bromophenyl-phenylether	16.817	248	63274	24.021	ng/ul	93
69) Hexachlorobenzene	16.934	284	66076	23.821	ng/ul	98
70) Atrazine	17.069	200	72933	23.945	ng/ul	98
71) Pentachlorophenol	17.269	266	41457	22.822	ng/ul	98
72) Phenanthrene	17.675	178	339289	24.024	ng/ul	99
74) Anthracene	17.769	178	335614	23.995	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.697	216	85302	22.869	ng/uL	94
76) Pentachlorobenzene	15.201	250	76931	22.576	ng/uL	98
77) Carbazole	18.033	167	314965	25.158	ng/ul	100
78) Di-n-butylphthalate	18.574	149	381955	25.746	ng/ul	99
80) Fluoranthene	19.672	202	419782	25.642	ng/ul	99
82) Pyrene	20.037	202	415159	25.716	ng/ul	98
83) Butylbenzylphthalate	20.906	149	155081	26.062	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.823	252	95756	18.950	ng/ul	98
85) Benzo(a)anthracene	21.917	228	369396	24.993	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.805	149	228812	26.759	ng/ul	97
87) Chrysene	21.987	228	354313	25.015	ng/ul	100
89) Di-n-octyl phthalate	23.092	149	379167	26.975	ng/ul	100
90) Benzo(b)fluoranthene	24.267	252	365599	24.537	ng/ul	98
91) Benzo(k)fluoranthene	24.343	252	356099	25.684	ng/ul	98
93) Benzo(a)pyrene	25.201	252	319080	22.444	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.296	276	402330m	25.207	ng/ul	97
95) Dibenzo(a,h)anthracene	29.379	278	337341	24.835	ng/ul	98
96) Benzo(g,h,i)perylene	30.536	276	283056	21.037	ng/ul	99

10/05/21 JU

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