Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050354.D
Acq On : 1 Oct 2021 12:16
Operator : CG/JU
Sample : M3876-03MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Oct 01 13:02:26 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 :
EW7W1MSD

Manual Integrations APPROVED
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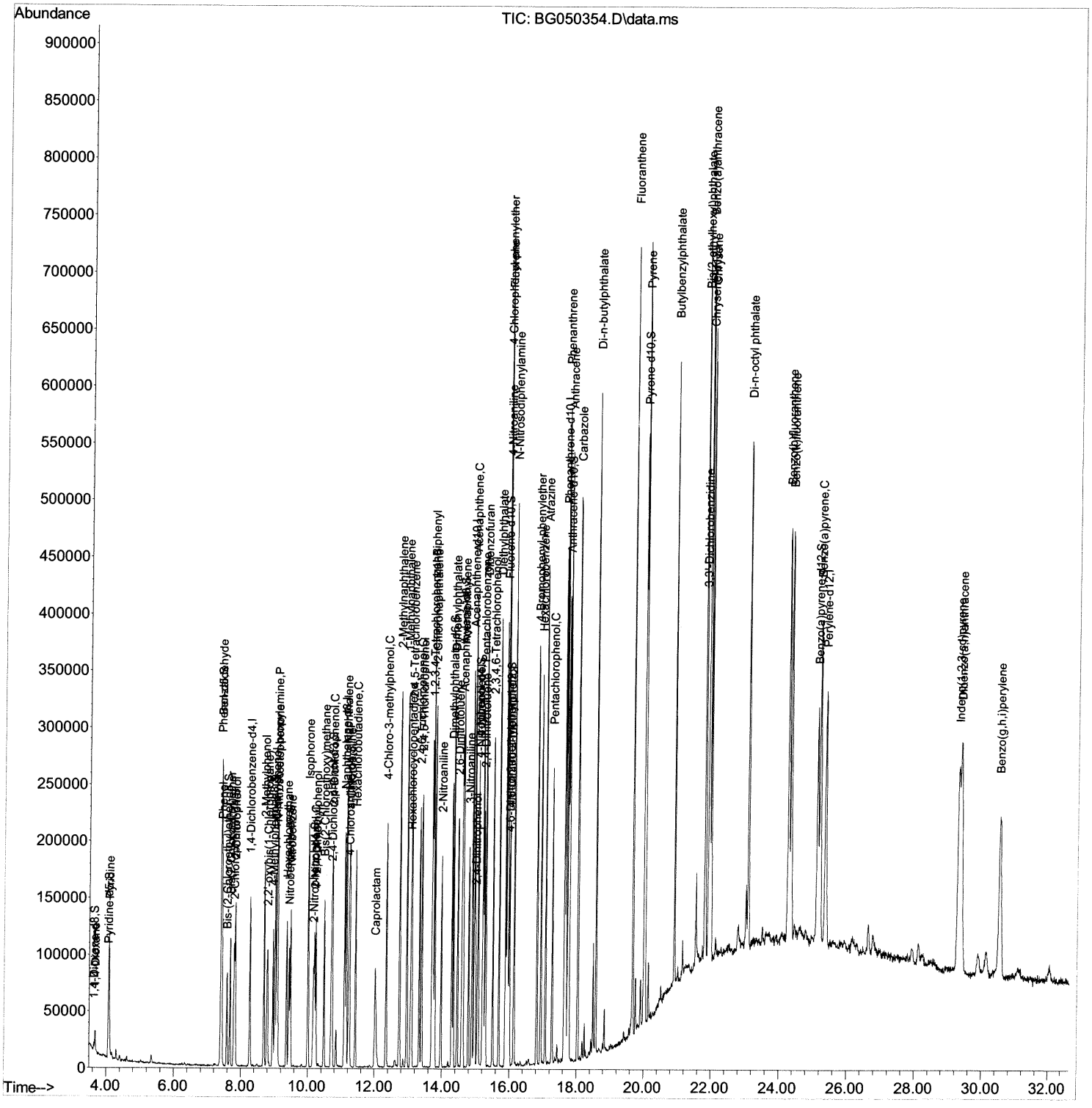
10/4/2021 11:50:09 AM



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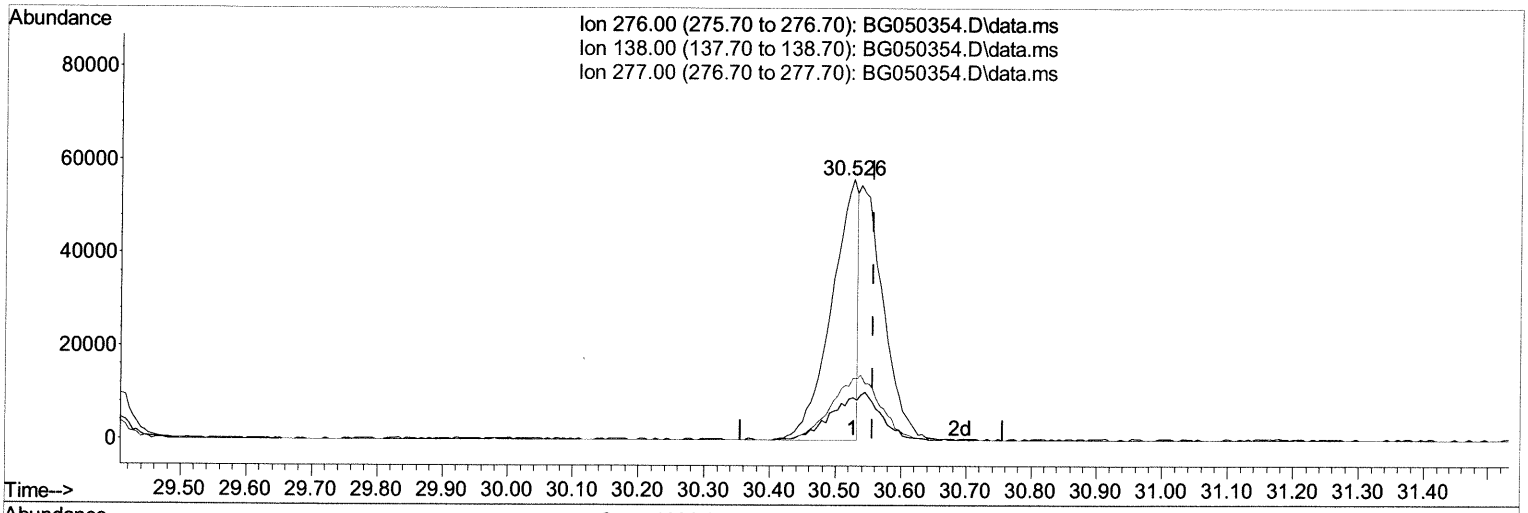

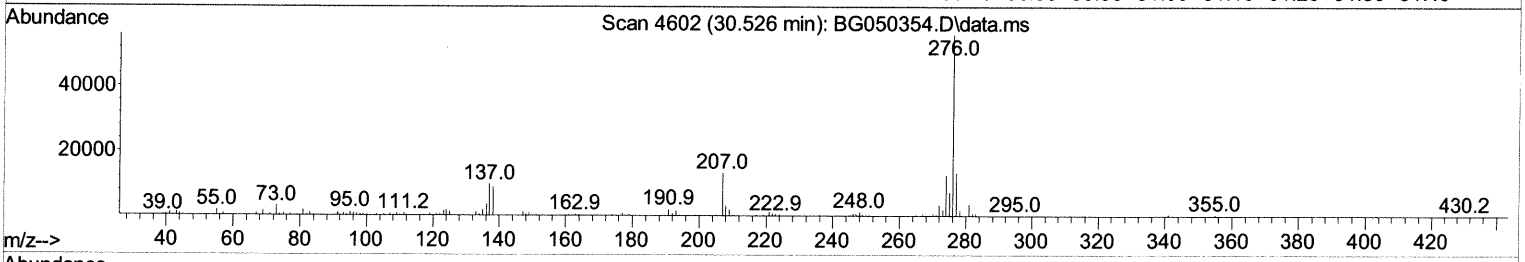

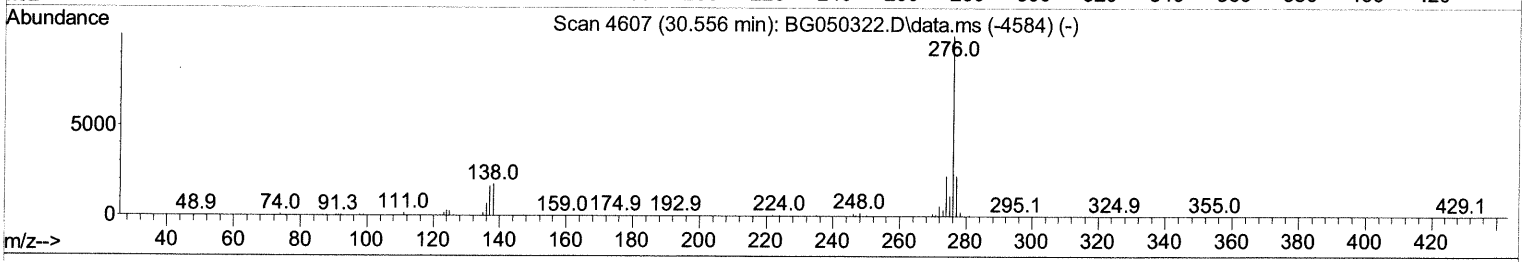

TIC: BG050354.D\data.ms

(96) Benzo(g,h,i)perylene

30.526min (-0.030) 11.93 ng/ul

response 157410

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	16.08
277.00	22.40	23.78
0.00	0.00	0.00

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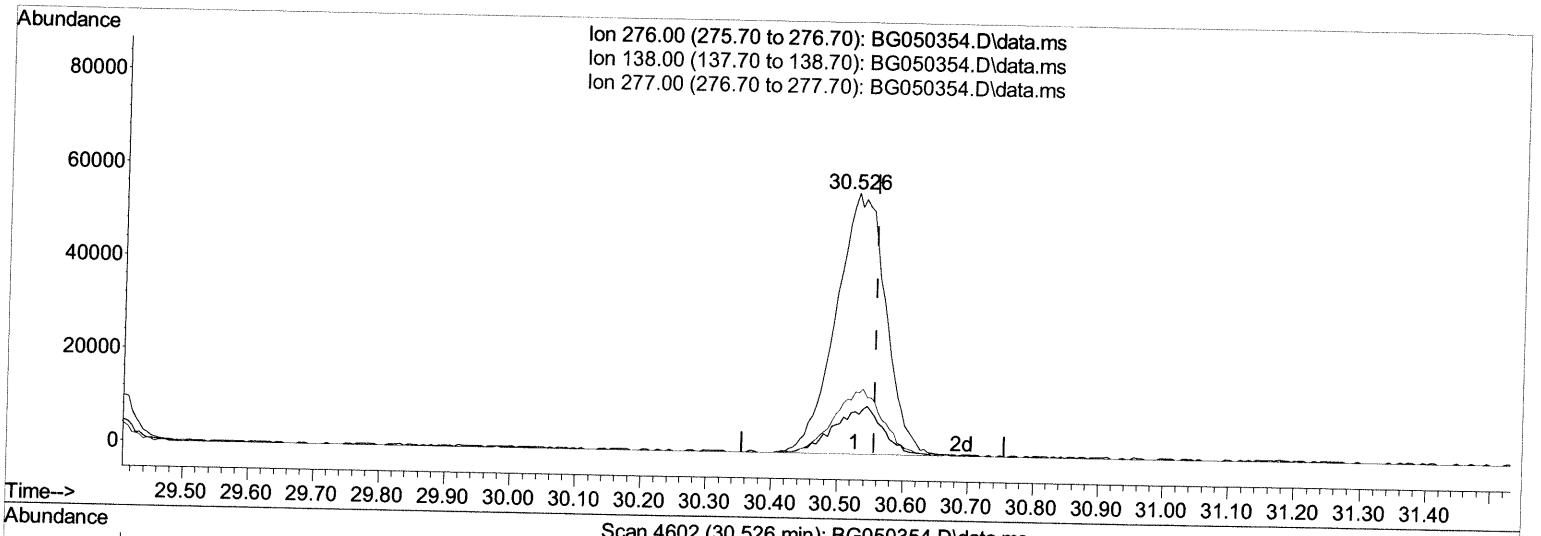

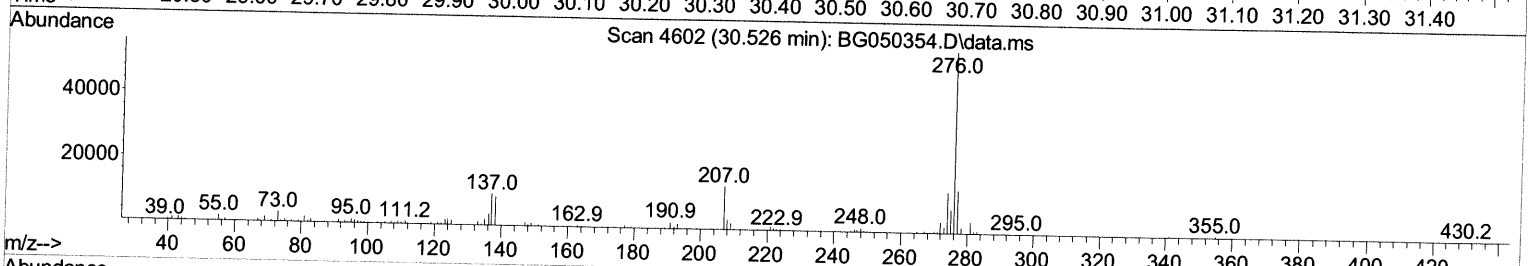

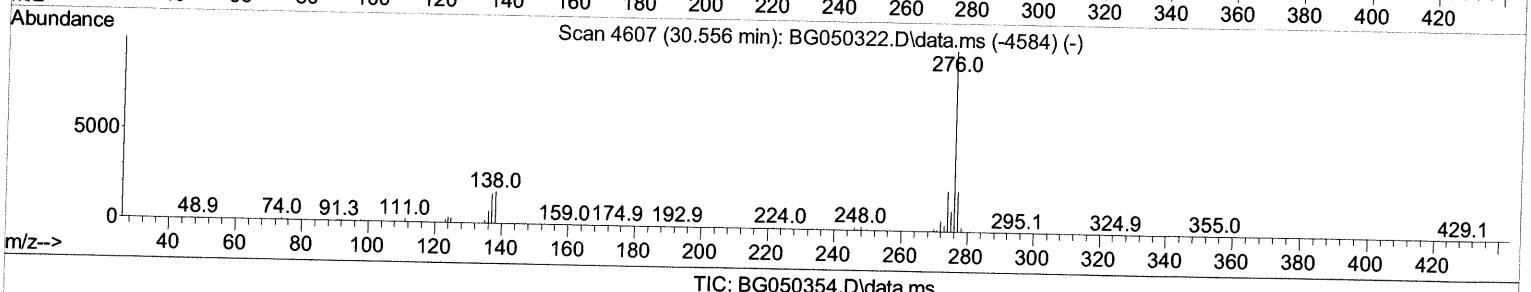

(96) Benzo(g,h,i)perylene

30.526min (-0.030) 22.18 ng/ul m 10/05/21 JU

response 292794

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	16.08
277.00	22.40	23.78
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	40479	20.000	ng/ul	0.00
20) Naphthalene-d8	11.096	136	173331	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.891	164	121063	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.635	188	280393	20.000	ng/ul	0.00
79) Chrysene-d12	21.936	240	240556	20.000	ng/ul	-0.01
88) Perylene-d12	25.367	264	239974	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	3361	3.051	ng/uL	0.00
4) Pyridine-d5	4.063	84	27742	8.450	ng/ul	0.00
7) Phenol-d5	7.400	99	63800	18.040	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.588	67	41097	18.464	ng/ul	0.00
11) 2-Chlorophenol-d4	7.800	132	46127	18.614	ng/ul	0.00
15) 4-Methylphenol-d8	8.963	113	44682	16.692	ng/ul	0.00
21) Nitrobenzene-d5	9.445	128	23980	19.776	ng/ul	0.00
24) 2-Nitrophenol-d4	10.173	143	25775	19.806	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.702	165	50472	19.641	ng/ul	0.00
31) 4-Chloroaniline-d4	11.225	131	63061	17.178	ng/ul	0.00
46) Dimethylphthalate-d6	14.286	166	165732	20.003	ng/ul	0.00
49) Acenaphthylene-d8	14.586	160	202662	19.477	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	32118	20.127	ng/ul	0.00
60) Fluorene-d10	15.878	176	153299	20.537	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.978	200	27219	19.463	ng/ul	0.00
73) Anthracene-d10	17.735	188	240253	20.282	ng/ul	0.00
81) Pyrene-d10	20.003	212	284055	22.207	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.126	264	233077	19.316	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.675	88	9432	7.076	ng/uL#	80
5) Pyridine	4.086	79	61197	18.402	ng/ul	92
6) Benzaldehyde	7.406	77	57561	24.678	ng/ul	96
8) Phenol	7.429	94	91127	25.139	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.682	93	63690	23.424	ng/ul	94
12) 2-Chlorophenol	7.829	128	60947	24.039	ng/ul	94
13) 2-Methylphenol	8.699	108	62534	23.408	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.798	45	99571	24.407	ng/ul	99
16) Acetophenone	9.098	105	104909	24.666	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.075	70	58885	23.038	ng/ul	93
18) 4-Methylphenol	9.022	108	67492	23.856	ng/ul	95
19) Hexachloroethane	9.368	117	25273	23.194	ng/ul	96
22) Nitrobenzene	9.486	77	87436	24.060	ng/ul	98
23) Isophorone	10.009	82	162341	23.245	ng/ul	98
25) 2-Nitrophenol	10.197	139	33499	25.046	ng/ul	98
26) 2,4-Dimethylphenol	10.244	107	48846	14.712	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.485	93	86532	22.949	ng/ul	99
29) 2,4-Dichlorophenol	10.731	162	61571	24.201	ng/ul#	94
30) Naphthalene	11.149	128	208787	23.462	ng/ul	99
32) 4-Chloroaniline	11.249	127	83930	22.709	ng/ul	95
33) Hexachlorobutadiene	11.425	225	41863	22.642	ng/ul	98
34) Caprolactam	12.018	113	24798	25.229	ng/ul	93
35) 4-Chloro-3-methylphenol	12.341	107	77122	25.711	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.735	142	151514	25.043	ng/ul	97
37) 1-Methylnaphthalene	12.952	142	143895	23.625	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.093	216	84809	24.275	ng/ul#	96
40) Hexachlorocyclopentadiene	13.070	237	38998	16.832	ng/ul	95
41) 2,4,6-Trichlorophenol	13.323	196	56197	25.520	ng/ul	97
42) 2,4,5-Trichlorophenol	13.393	196	61997	25.738	ng/ul	93
43) 1,1'-Biphenyl	13.728	154	196562	24.127	ng/ul	98
44) 2-Chloronaphthalene	13.775	162	156373	24.499	ng/ul	98
45) 2-Nitroaniline	13.969	65	56688	27.128	ng/ul	97
47) Dimethylphthalate	14.333	163	205659	24.671	ng/ul	99
48) 2,6-Dinitrotoluene	14.457	165	41372	26.384	ng/ul#	87
50) Acenaphthylene	14.615	152	236693	22.426	ng/ul	98
51) 3-Nitroaniline	14.786	138	44087	25.847	ng/ul	93
52) Acenaphthene	14.956	153	173344	24.850	ng/ul	98
53) 2,4-Dinitrophenol	14.985	184	24731	25.303	ng/ul	85
55) 4-Nitrophenol	15.068	109	40750	25.824	ng/ul	92
56) Dibenzofuran	15.285	168	247871	24.432	ng/ul	95
57) 2,4-Dinitrotoluene	15.238	165	58559	25.718	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.502	232	55366	26.729	ng/ul#	97
59) Diethylphthalate	15.685	149	219206	25.201	ng/ul	98
61) Fluorene	15.931	166	200192	24.803	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.920	204	107459	24.584	ng/ul	96
63) 4-Nitroaniline	15.943	138	45715	26.539	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.996	198	35291	25.528	ng/ul#	92
67) N-Nitrosodiphenylamine	16.131	169	183330	25.860	ng/ul	98
68) 4-Bromophenyl-phenylether	16.818	248	67617	25.902	ng/ul	95
69) Hexachlorobenzene	16.930	284	68334	24.858	ng/ul	96
70) Atrazine	17.071	200	77863	25.795	ng/ul	95
71) Pentachlorophenol	17.271	266	43951	24.414	ng/ul	97
72) Phenanthrene	17.676	178	360143	25.731	ng/ul	99
74) Anthracene	17.770	178	349853	25.239	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.693	216	89454	24.199	ng/uL	98
76) Pentachlorobenzene	15.203	250	81133	24.024	ng/uL	97
77) Carbazole	18.035	167	329517	26.559	ng/ul	98
78) Di-n-butylphthalate	18.575	149	396678	26.981	ng/ul	100
80) Fluoranthene	19.674	202	438574	27.303	ng/ul	99
82) Pyrene	20.032	202	425973	26.892	ng/ul	97
83) Butylbenzylphthalate	20.908	149	160576	27.502	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.824	252	97192	19.603	ng/ul	98
85) Benzo(a)anthracene	21.918	228	377395	26.024	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.801	149	232410	27.701	ng/ul	100
87) Chrysene	21.983	228	359905	25.897	ng/ul	98
89) Di-n-octyl phthalate	23.088	149	396294	28.740	ng/ul	100
90) Benzo(b)fluoranthene	24.269	252	374414	25.615	ng/ul	100
91) Benzo(k)fluoranthene	24.339	252	364006	26.763	ng/ul	98
93) Benzo(a)pyrene	25.203	252	325949	23.372	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.310	276	413437	26.404	ng/ul	98
95) Dibenzo(a,h)anthracene	29.380	278	348593	26.161	ng/ul	97
96) Benzo(g,h,i)perylene	30.526	276	292794m	> 22.182	ng/ul	>

10/05/21 JU

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