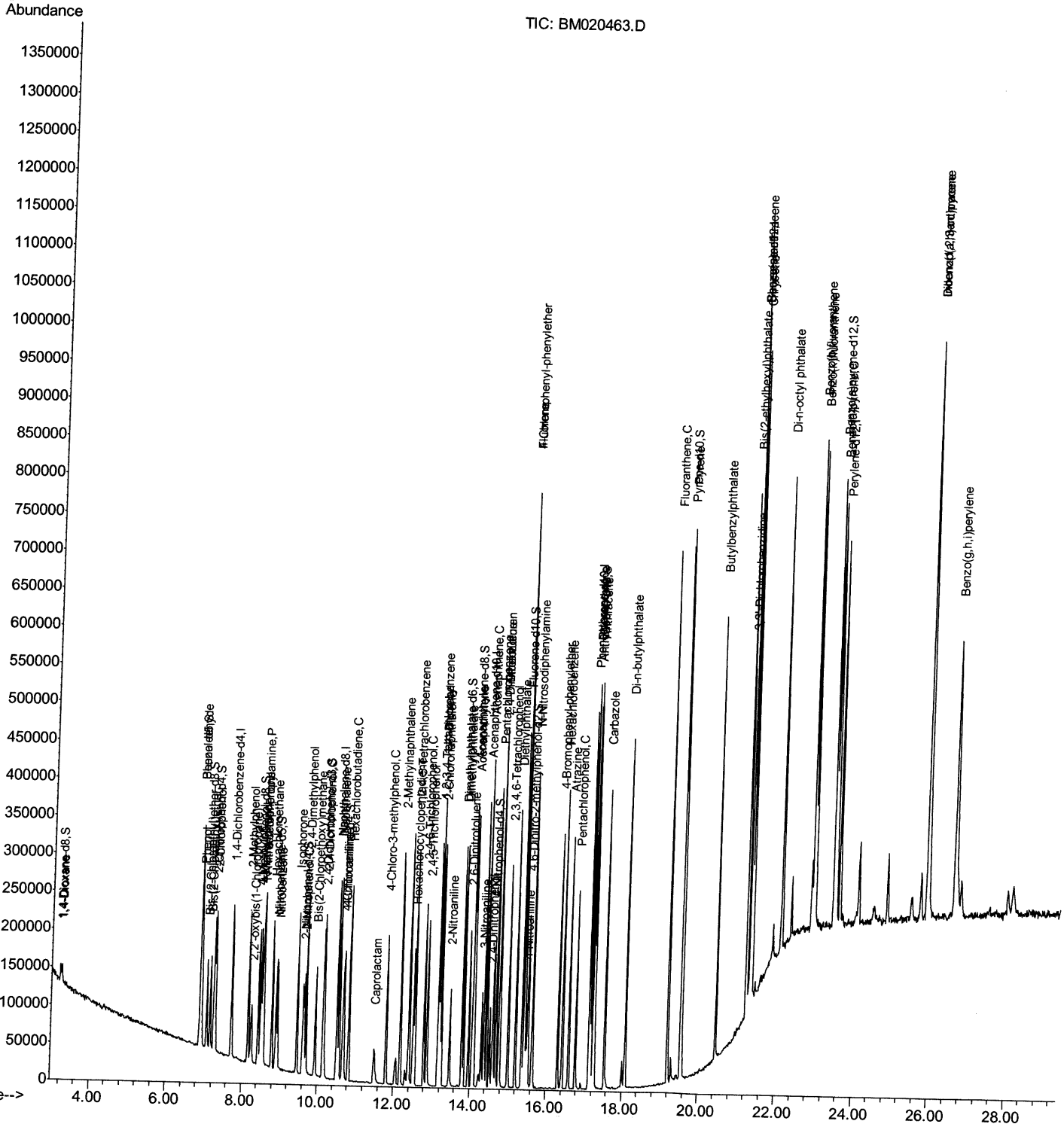
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020463.D
Acq On : 21 May 2019 17:05
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 22 04:55:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 08:36:13 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02022

Manual Integrations APPROVED
mohammad
5/23/2019 8:42:59 AM



Quantitation Report (Qedit)

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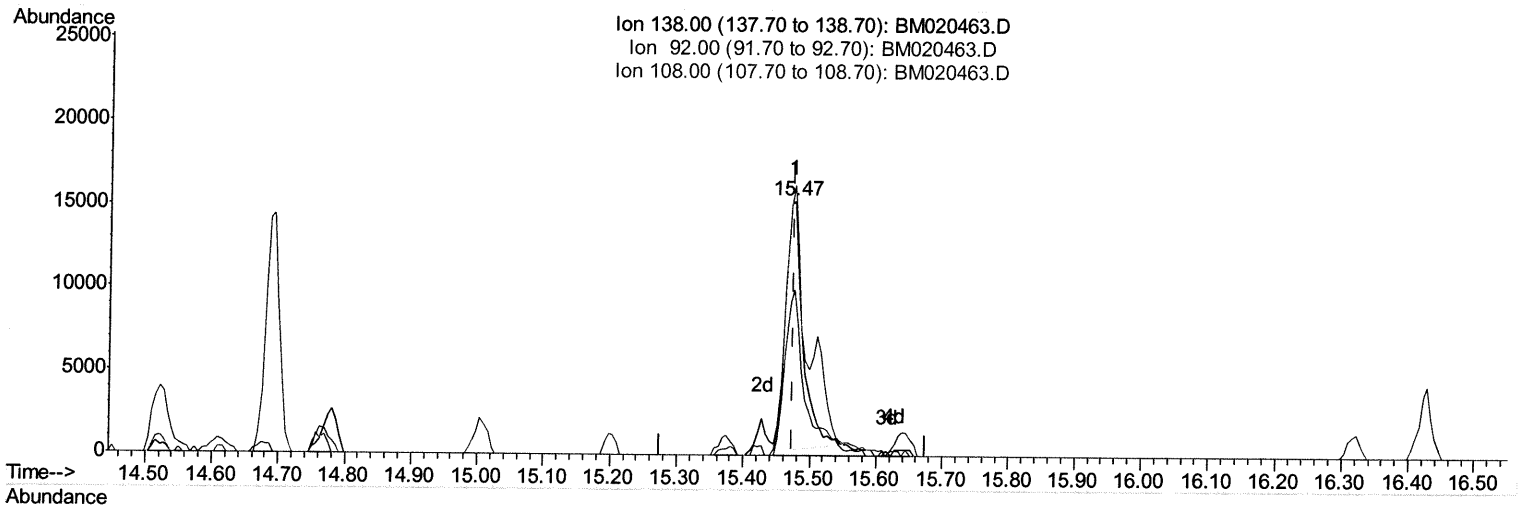
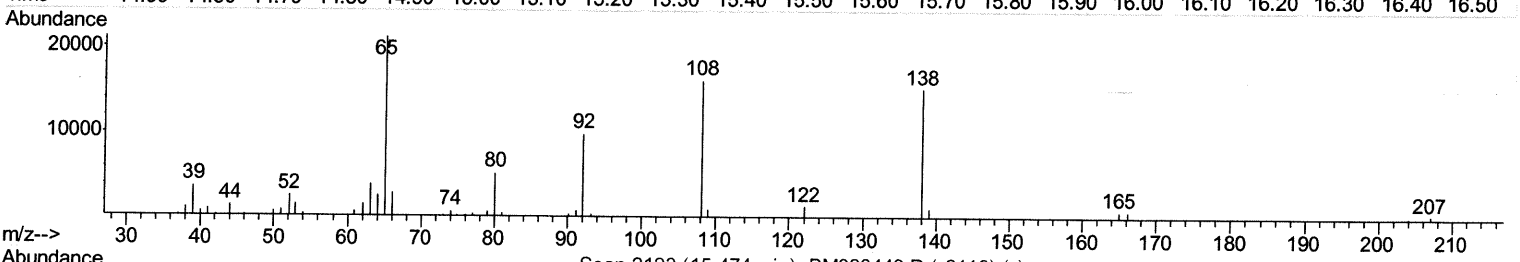
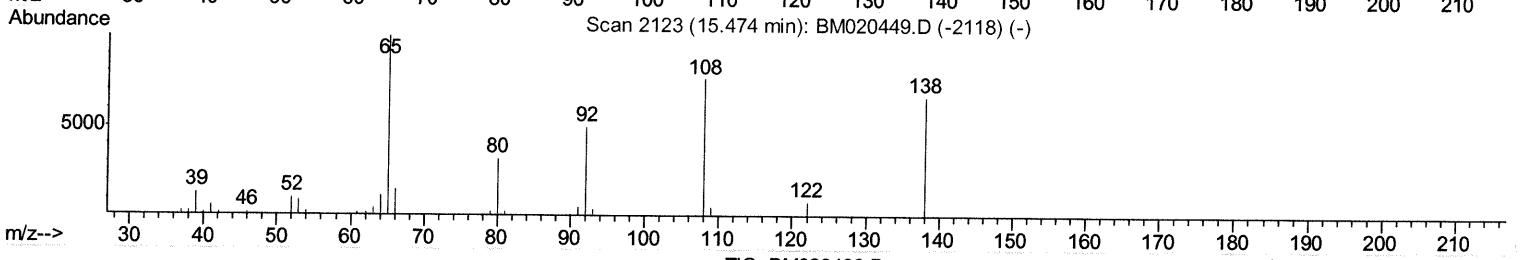




Scan 2123 (15.474 min): BM020449.D (-2118) (-)



TIC: BM020463.D

(60) 4-Nitroaniline

15.475min (+0.000) 19.65ng/ul

response 27330

Ion	Exp%	Act%
138.00	100	100
92.00	65.30	65.04
108.00	108.30	106.24
0.00	0.00	0.00

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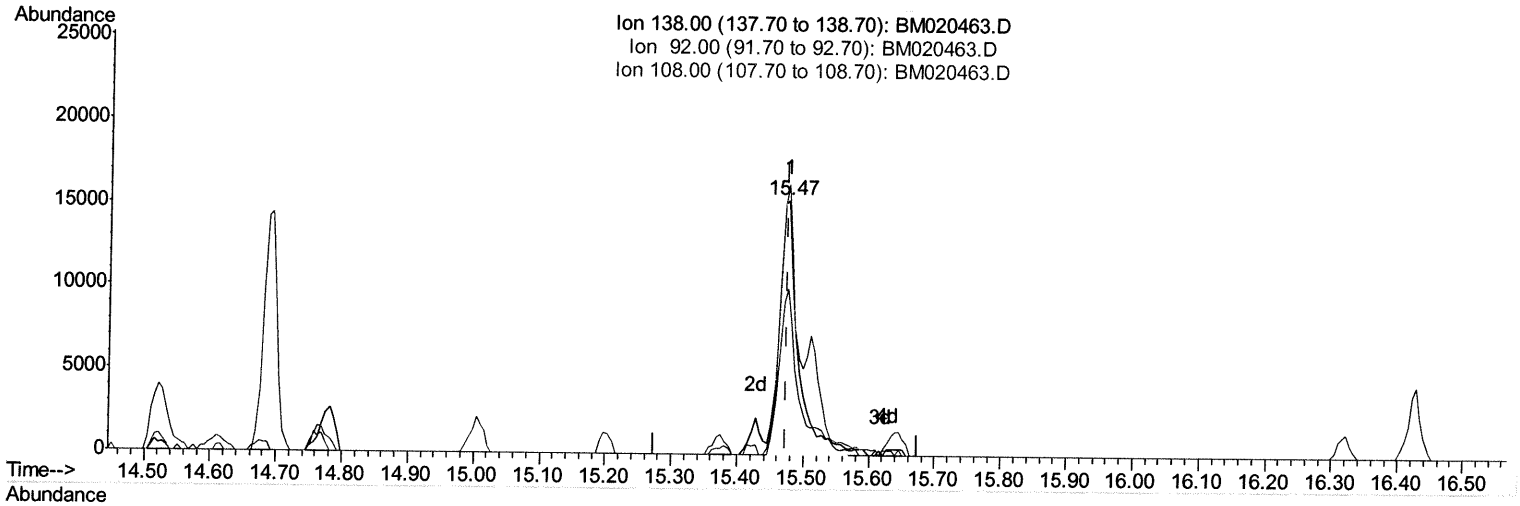
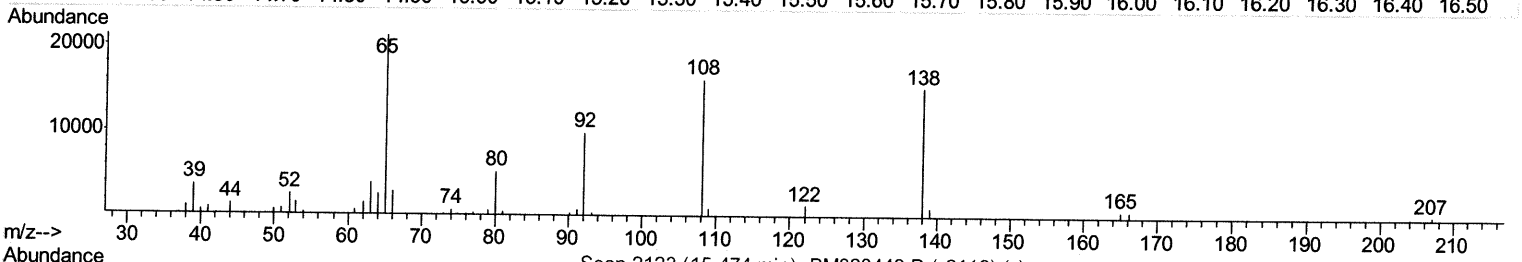
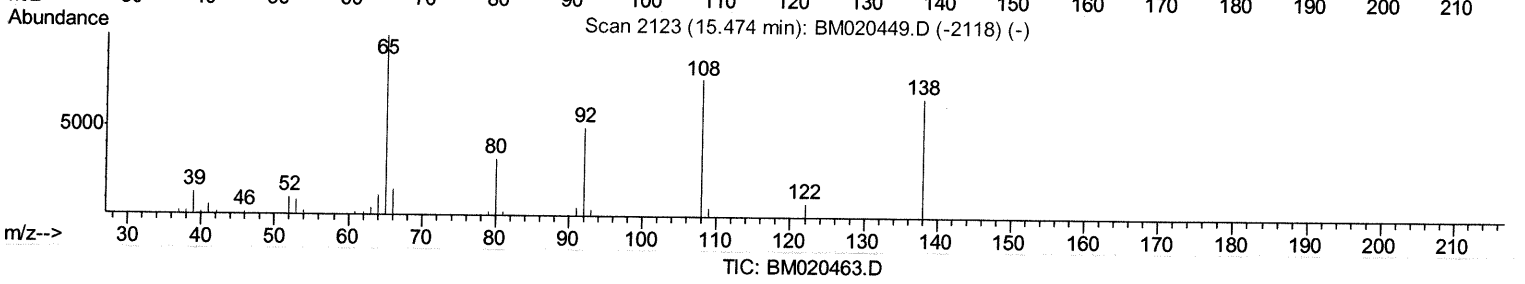
Manual Integrations APPROVED
mohammad
5/23/2019 8:42:59 AM







(60) 4-Nitroaniline

15.475min (+0.000) 22.00ng/ul m JU 05/24/19

response 30597

Ion	Exp%	Act%
138.00	100	100
92.00	65.30	65.04
108.00	108.30	106.24
0.00	0.00	0.00

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Instrument :
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LabSampleId :
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mohammad
5/23/2019 8:42:59 AM

Quant Time: May 22 04:55:05 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	55450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	205181	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	122475	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	307110	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	346420	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	395026	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	13205	8.79	ng/uL	0.00
5) Phenol-d5	6.89	99	94966	21.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	60181	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	73140	22.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	67926	21.09	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	30876	23.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	34750	23.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	72982	23.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	72731	22.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	198975	22.58	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	251809	22.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	29682	23.20	ng/ul	0.00
57) Fluorene-d10	15.37	176	175649	22.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	34610	19.78	ng/ul	0.00
70) Anthracene-d10	17.23	188	290782	22.07	ng/ul	0.00
78) Pyrene-d10	19.53	212	355823	21.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	391433	21.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	13259	8.457	ng/uL	98
4) Benzaldehyde	6.88	77	77768	20.522	ng/ul	97
6) Phenol	6.92	94	100233	21.540	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	71297	20.274	ng/ul	99
10) 2-Chlorophenol	7.29	128	73451	22.185	ng/ul	96
11) 2-Methylphenol	8.17	108	67778	21.431	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	49982	20.901	ng/ul	97
14) Acetophenone	8.55	105	110651	20.119	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.53	70	64722	20.621	ng/ul	97
16) 4-Methylphenol	8.49	108	70552	20.593	ng/ul	95
17) Hexachloroethane	8.79	117	33616	21.499	ng/ul	98
20) Nitrobenzene	8.94	77	95022	21.855	ng/ul	94
21) Isophorone	9.45	82	168716	22.426	ng/ul	100
23) 2-Nitrophenol	9.64	139	36179	22.718	ng/ul	97
24) 2,4-Dimethylphenol	9.69	107	83554	22.878	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	89628	22.024	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	69222	22.852	ng/ul	99
28) Naphthalene	10.57	128	210639	22.344	ng/ul	100
30) 4-Chloroaniline	10.69	127	71996	21.892	ng/ul	98
31) Hexachlorobutadiene	10.83	225	56989	21.616	ng/ul	97
32) Caprolactam	11.50	113	19844	22.956	ng/ul	87
33) 4-Chloro-3-methylphenol	11.81	107	71395	23.321	ng/ul	95
34) 2-Methylnaphthalene	12.19	142	143977	21.094	ng/ul	96

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Manual Integrations APPROVED
mohammad
5/23/2019 8:42:59 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	99344	22.499 ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	51769	19.595 ng/ul	100
38) 2,4,6-Trichlorophenol	12.80	196	61713	23.920 ng/ul	99
39) 2,4,5-Trichlorophenol	12.87	196	64109	25.151 ng/ul	99
40) 1,1'-Biphenyl	13.20	154	198914	22.686 ng/ul	100
41) 2-Chloronaphthalene	13.25	162	158780	22.746 ng/ul	99
42) 2-Nitroaniline	13.47	65	41681	23.312 ng/ul	93
44) Dimethylphthalate	13.84	163	198234	22.741 ng/ul#	99
45) 2,6-Dinitrotoluene	13.97	165	34945	22.965 ng/ul	96
47) Acenaphthylene	14.10	152	235833	22.689 ng/ul	99
48) 3-Nitroaniline	14.30	138	28913	22.615 ng/ul#	93
49) Acenaphthene	14.44	153	160263	22.428 ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	23155	24.567 ng/ul	94
52) 4-Nitrophenol	14.61	109	29353	21.946 ng/ul	96
53) Dibenzofuran	14.78	168	246316	22.763 ng/ul	97
54) 2,4-Dinitrotoluene	14.76	165	56019	24.058 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.00	232	61209	23.860 ng/ul	95
56) Diethylphthalate	15.20	149	189183	22.439 ng/ul	99
58) Fluorene	15.43	166	195113	22.508 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.42	204	114746	22.561 ng/ul	98
60) 4-Nitroaniline	15.47	138	30597m	> 22.003 ng/ul	→ JO 05/24/19
63) 4,6-Dinitro-2-methylphenol	15.53	198	36459	20.031 ng/ul#	97
64) N-Nitrosodiphenylamine	15.64	169	168107	22.122 ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	74606	22.265 ng/ul	98
66) Hexachlorobenzene	16.43	284	86793	22.103 ng/ul	97
67) Atrazine	16.60	200	67454	21.686 ng/ul	99
68) Pentachlorophenol	16.77	266	51809	22.673 ng/ul	96
69) Phenanthrene	17.17	178	323004	22.074 ng/ul	99
71) Anthracene	17.26	178	329012	22.104 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	102343	21.819 ng/uL	98
73) Pentachlorobenzene	14.69	250	99362	21.768 ng/uL	99
74) Carbazole	17.54	167	278901	22.075 ng/ul	97
75) Di-n-butylphthalate	18.09	149	316396	23.072 ng/ul	99
76) Fluoranthene	19.19	202	427623	23.134 ng/ul	100
79) Pyrene	19.56	202	438177	21.073 ng/ul	100
80) Butylbenzylphthalate	20.46	149	149901	22.993 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.25	252	138999	21.892 ng/ul	97
82) Benzo(a)anthracene	21.32	228	469819	22.533 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	218132	23.052 ng/ul	99
84) Chrysene	21.37	228	446462	22.406 ng/ul	99
86) Di-n-octyl phthalate	22.12	149	382742	19.951 ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	476340	21.128 ng/ul	100
88) Benzo(k)fluoranthene	22.96	252	469200	21.188 ng/ul	100
90) Benzo(a)pyrene	23.50	252	458543	21.612 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	577140	23.872 ng/ul	99
92) Dibenzo(a,h)anthracene	25.92	278	490849	23.742 ng/ul	98
93) Benzo(g,h,i)perylene	26.63	276	492935	24.632 ng/ul	99

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