Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

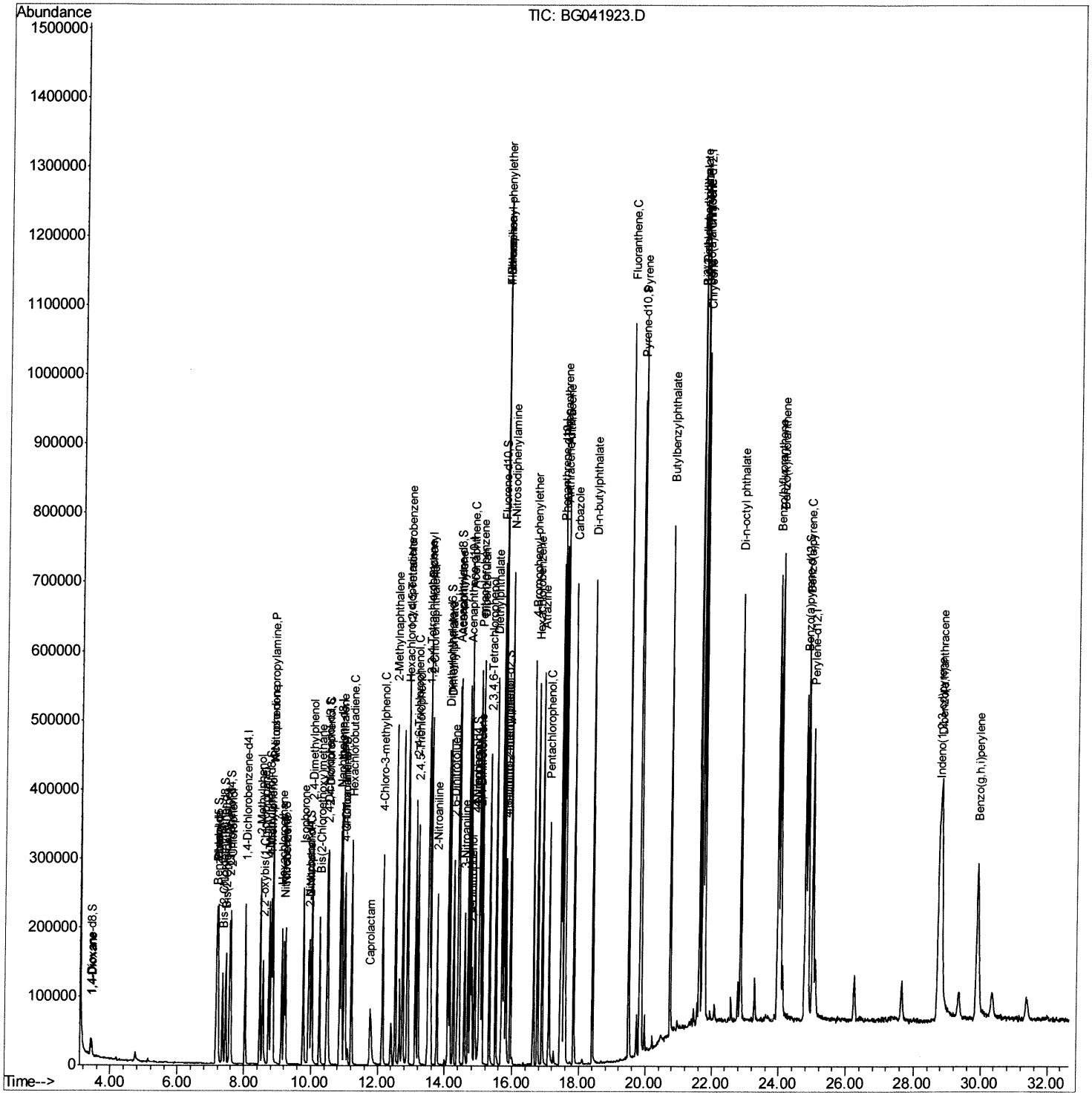
Quantitation Report (QT Reviewed)

Data File : BG041923.D
Acq On : 4 Aug 2019 00:19
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 04 03:19:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 02:31:42 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02079

Manual Integrations APPROVED
mohammad
8/5/2019 3:02:27 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

Quantitation Report (Qedit)

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Acq On : 4 Aug 2019 00:19
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 04 02:36:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 02:31:42 2019
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Instrument :
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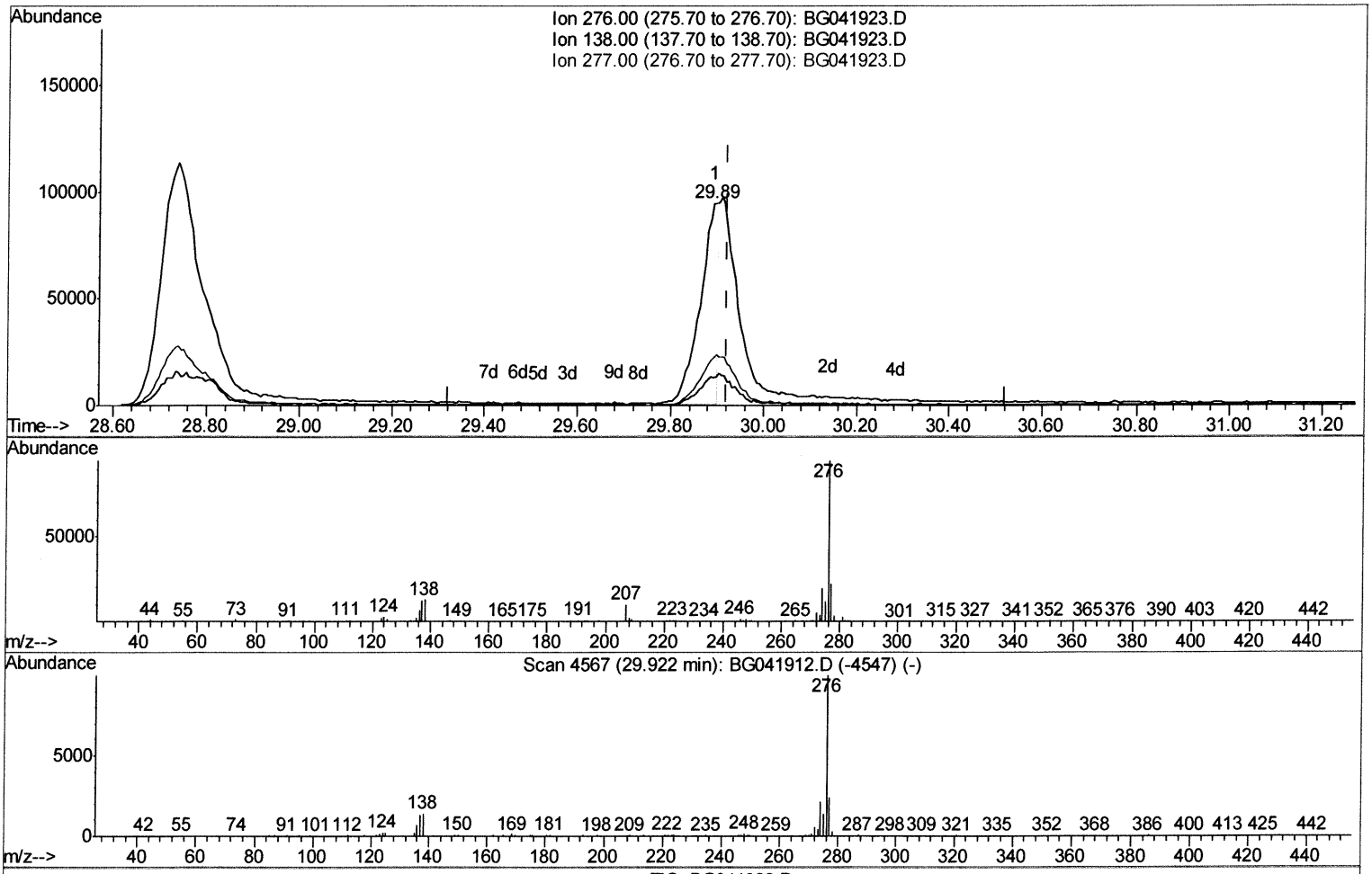

TIC: BG041923.D

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

29.891min (-0.031) 8.17ng/ul

response 240672

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	13.66
277.00	24.00	23.33
0.00	0.00	0.00

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mohammad
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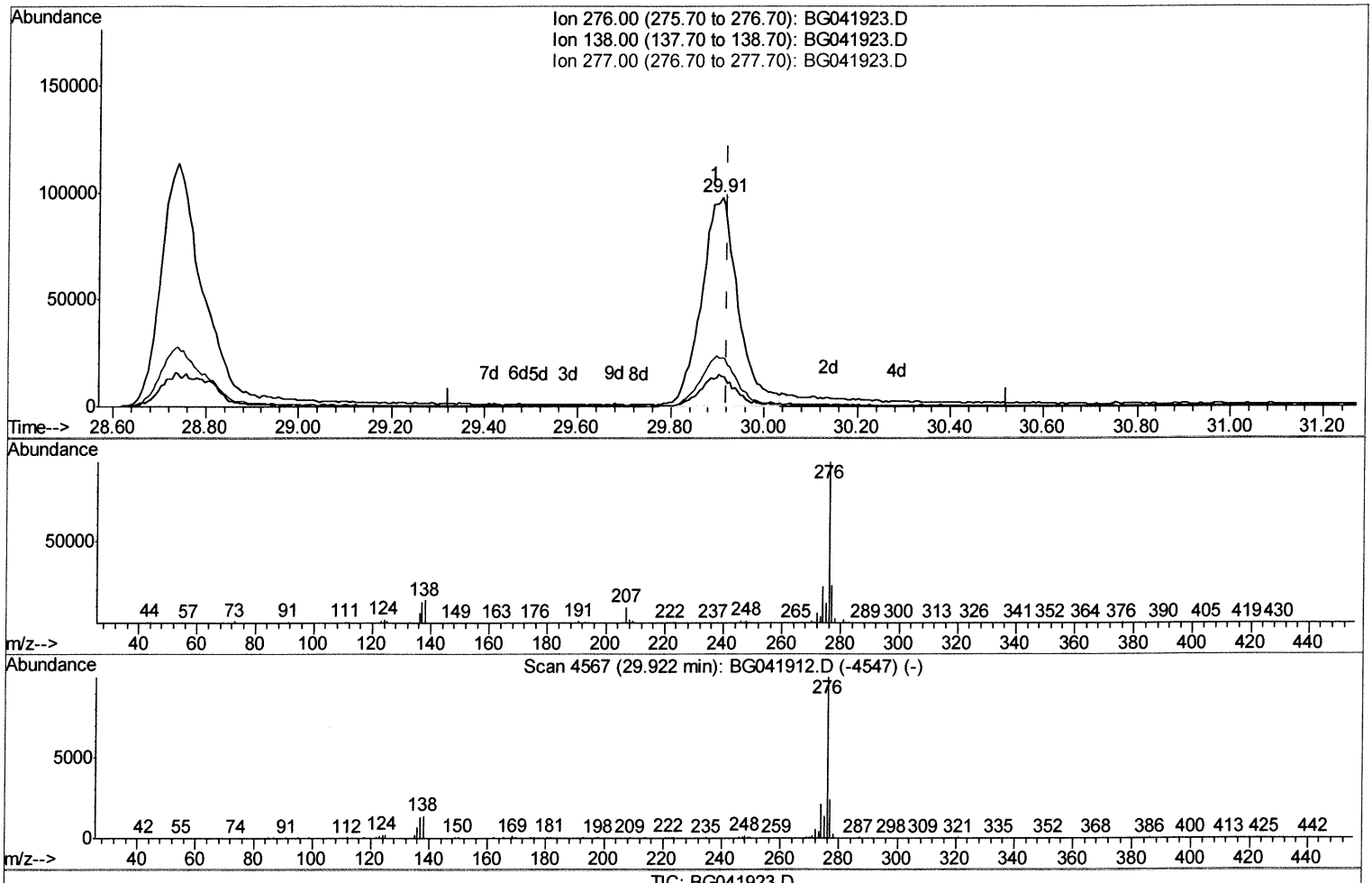

TIC: BG041923.D

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

29.909min (-0.013) 18.26ng/ul m JU 08/05/19

response 537928

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	14.31
277.00	24.00	23.46
0.00	0.00	0.00

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
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Manual Integrations APPROVED
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Quant Time: Aug 04 03:19:31 2019
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	71376	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.86	136	301930	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	217300	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	477412	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	469814	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	505942	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	12467	7.64	ng/uL	0.00
5) Phenol-d5	7.18	99	118564	21.17	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.35	67	62752	20.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	102088	21.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	99502	21.16	ng/ul	-0.01
19) Nitrobenzene-d5	9.20	128	49632	21.84	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.93	143	61784	23.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	123088	23.10	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.99	131	131618	22.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	350981	20.83	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	413457	21.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	58459	20.66	ng/ul	0.00
57) Fluorene-d10	15.69	176	315892	21.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	57315	18.71	ng/ul	0.00
70) Anthracene-d10	17.55	188	499823	21.82	ng/ul	0.00
78) Pyrene-d10	19.83	212	560640	21.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	595446	22.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	12709	7.520	ng/uL	92
4) Benzaldehyde	7.16	77	55676	21.036	ng/ul	99
6) Phenol	7.21	94	123839	21.418	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.45	93	92990	21.140	ng/ul	98
10) 2-Chlorophenol	7.59	128	105632	21.760	ng/ul	96
11) 2-Methylphenol	8.47	108	97425	21.016	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.57	45	154596	20.777	ng/ul	98
14) Acetophenone	8.86	105	151609	20.961	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	77162	20.195	ng/ul	97
16) 4-Methylphenol	8.81	108	106370	21.240	ng/ul	82
17) Hexachloroethane	9.13	117	35952	17.885	ng/ul	86
20) Nitrobenzene	9.24	77	109086	21.073	ng/ul	96
21) Isophorone	9.77	82	202736	19.643	ng/ul#	95
23) 2-Nitrophenol	9.96	139	67096	23.798	ng/ul	98
24) 2,4-Dimethylphenol	10.02	107	119165	21.422	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	126011	20.564	ng/ul	97
27) 2,4-Dichlorophenol	10.50	162	120469	22.804	ng/ul	98
28) Naphthalene	10.91	128	335777	21.753	ng/ul	99
30) 4-Chloroaniline	11.01	127	130368	21.944	ng/ul	100
31) Hexachlorobutadiene	11.21	225	89658	22.354	ng/ul	97
32) Caprolactam	11.77	113	34622	20.256	ng/ul	96
33) 4-Chloro-3-methylphenol	12.14	107	113145	21.738	ng/ul	98
34) 2-Methylnaphthalene	12.52	142	268143	21.856	ng/ul	97

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8/5/2019 3:02:27 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	180242	23.199 ng/ul	97
37) Hexachlorocyclopentadiene	12.87	237	90914	18.534 ng/ul	92
38) 2,4,6-Trichlorophenol	13.12	196	112846	23.469 ng/ul	98
39) 2,4,5-Trichlorophenol	13.20	196	123113	22.955 ng/ul	99
40) 1,1'-Biphenyl	13.53	154	342235	21.660 ng/ul	98
41) 2-Chloronaphthalene	13.57	162	279880	21.998 ng/ul	98
42) 2-Nitroaniline	13.76	65	71381	21.447 ng/ul	94
44) Dimethylphthalate	14.14	163	344091	20.563 ng/ul	98
45) 2,6-Dinitrotoluene	14.26	165	77872	21.395 ng/ul	99
47) Acenaphthylene	14.42	152	417933	21.509 ng/ul	98
48) 3-Nitroaniline	14.59	138	66722	22.986 ng/ul	91
49) Acenaphthene	14.76	153	285923	21.045 ng/ul	100
50) 2,4-Dinitrophenol	14.80	184	42306	21.242 ng/ul#	89
52) 4-Nitrophenol	14.90	109	44208	21.082 ng/ul	91
53) Dibenzofuran	15.09	168	439032	21.652 ng/ul	100
54) 2,4-Dinitrotoluene	15.05	165	112773	21.310 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.32	232	114717	22.570 ng/ul#	97
56) Diethylphthalate	15.51	149	331215	19.898 ng/ul	97
58) Fluorene	15.74	166	346375	21.208 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.74	204	202064	21.306 ng/ul	97
60) 4-Nitroaniline	15.75	138	76002	23.502 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.82	198	62932	19.071 ng/ul#	97
64) N-Nitrosodiphenylamine	15.95	169	315019	22.241 ng/ul	99
65) 4-Bromophenyl-phenylether	16.63	248	143547	22.712 ng/ul	96
66) Hexachlorobenzene	16.76	284	139587	21.990 ng/ul	95
67) Atrazine	16.89	200	124138	20.913 ng/ul	97
68) Pentachlorophenol	17.09	266	86797	25.105 ng/ul	95
69) Phenanthrene	17.49	178	575849	22.033 ng/ul	100
71) Anthracene	17.58	178	580991	21.917 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	182861	24.036 ng/uL	98
73) Pentachlorobenzene	15.02	250	181033	23.534 ng/uL	98
74) Carbazole	17.85	167	501875	22.856 ng/ul	100
75) Di-n-butylphthalate	18.41	149	561648	20.753 ng/ul	99
76) Fluoranthene	19.50	202	711451	23.559 ng/ul	99
79) Pyrene	19.86	202	690501	21.850 ng/ul	98
80) Butylbenzylphthalate	20.75	149	251069	20.184 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.62	252	215109	20.145 ng/ul	98
82) Benzo(a)anthracene	21.71	228	705451	21.657 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	335521	19.769 ng/ul	100
84) Chrysene	21.78	228	675333	22.213 ng/ul	99
86) Di-n-octyl phthalate	22.86	149	582865	23.285 ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	719686	22.667 ng/ul	99
88) Benzo(k)fluoranthene	24.03	252	695393	22.779 ng/ul	99
90) Benzo(a)pyrene	24.85	252	689542	22.791 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.74	276	697533	19.766 ng/ul	98
92) Dibenzo(a,h)anthracene	28.80	278	606665	21.075 ng/ul	99
93) Benzo(g,h,i)perylene	29.91	276	537928m>	18.258 ng/ul	

→ JU 08/05/19

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