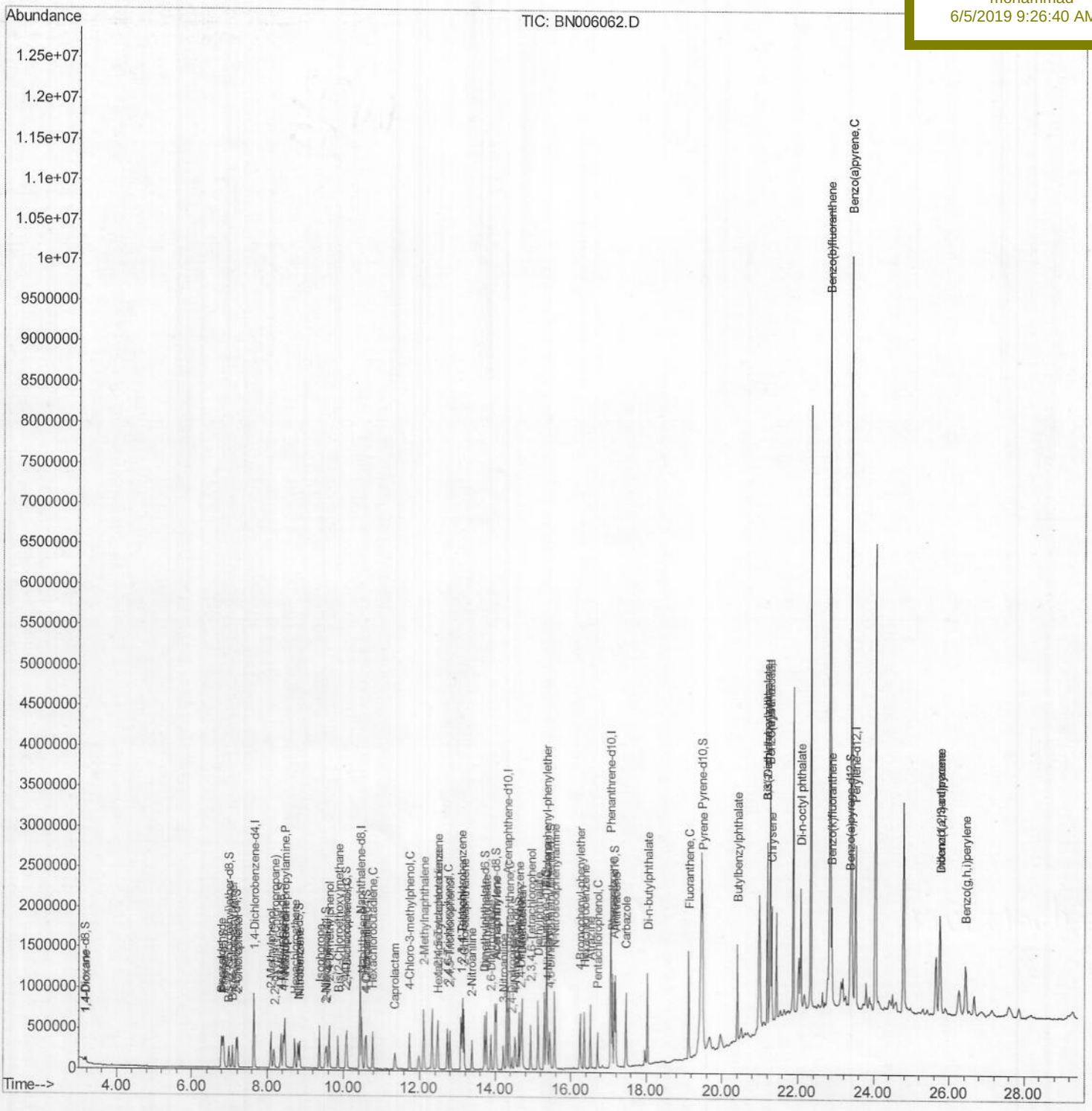
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060419\
Data File : BN006062.D
Acq On : 04 Jun 2019 14:19
Operator : JU/SJ
Sample : SSTD01001
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 04 15:43:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 04 15:32:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD01001

Manual Integrations APPROVED
mohammad
6/5/2019 9:26:40 AM



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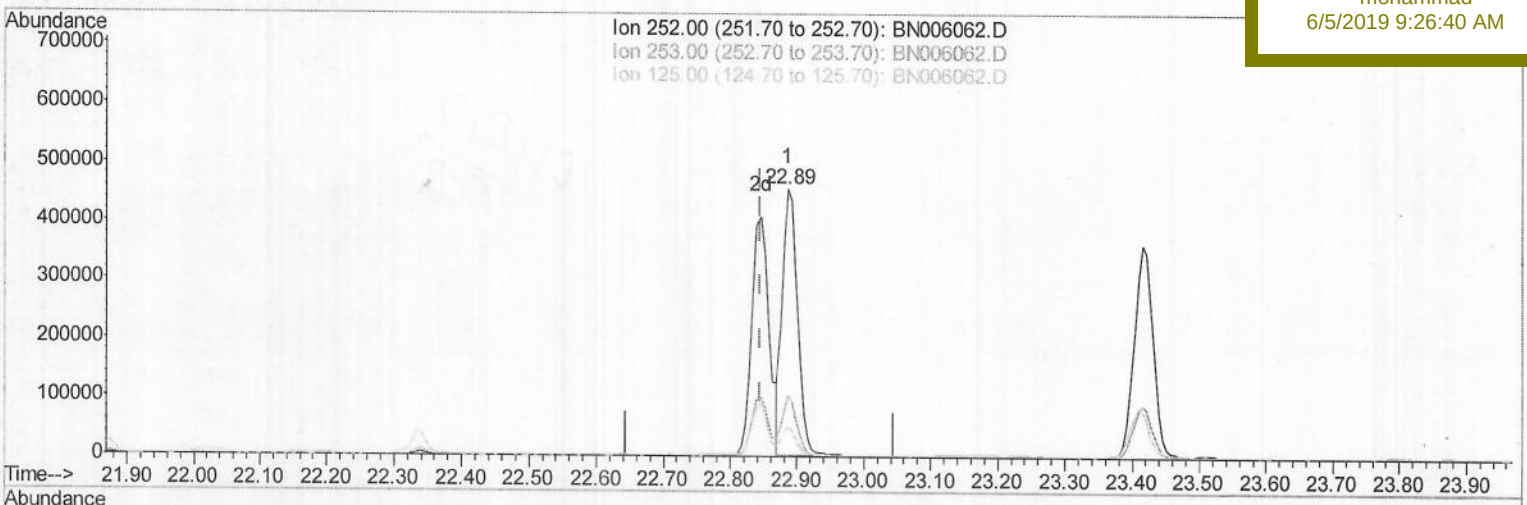

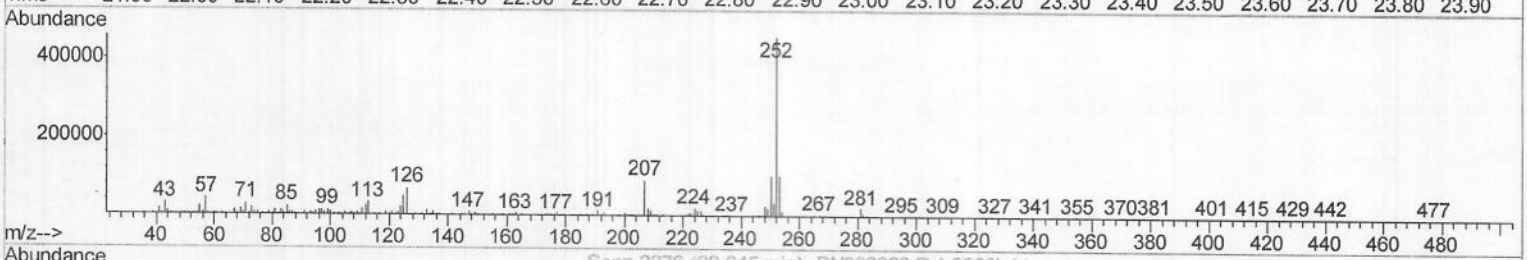

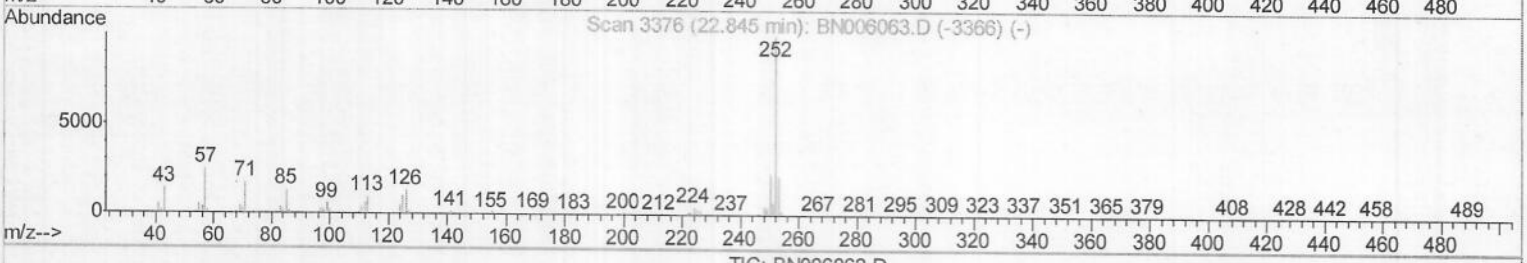

TIC: BN006062.D

(87) Benzo(b)fluoranthene

22.886min (+0.041) 9.35ng/ul

response 729620

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.95
125.00	10.20	10.88
0.00	0.00	0.00

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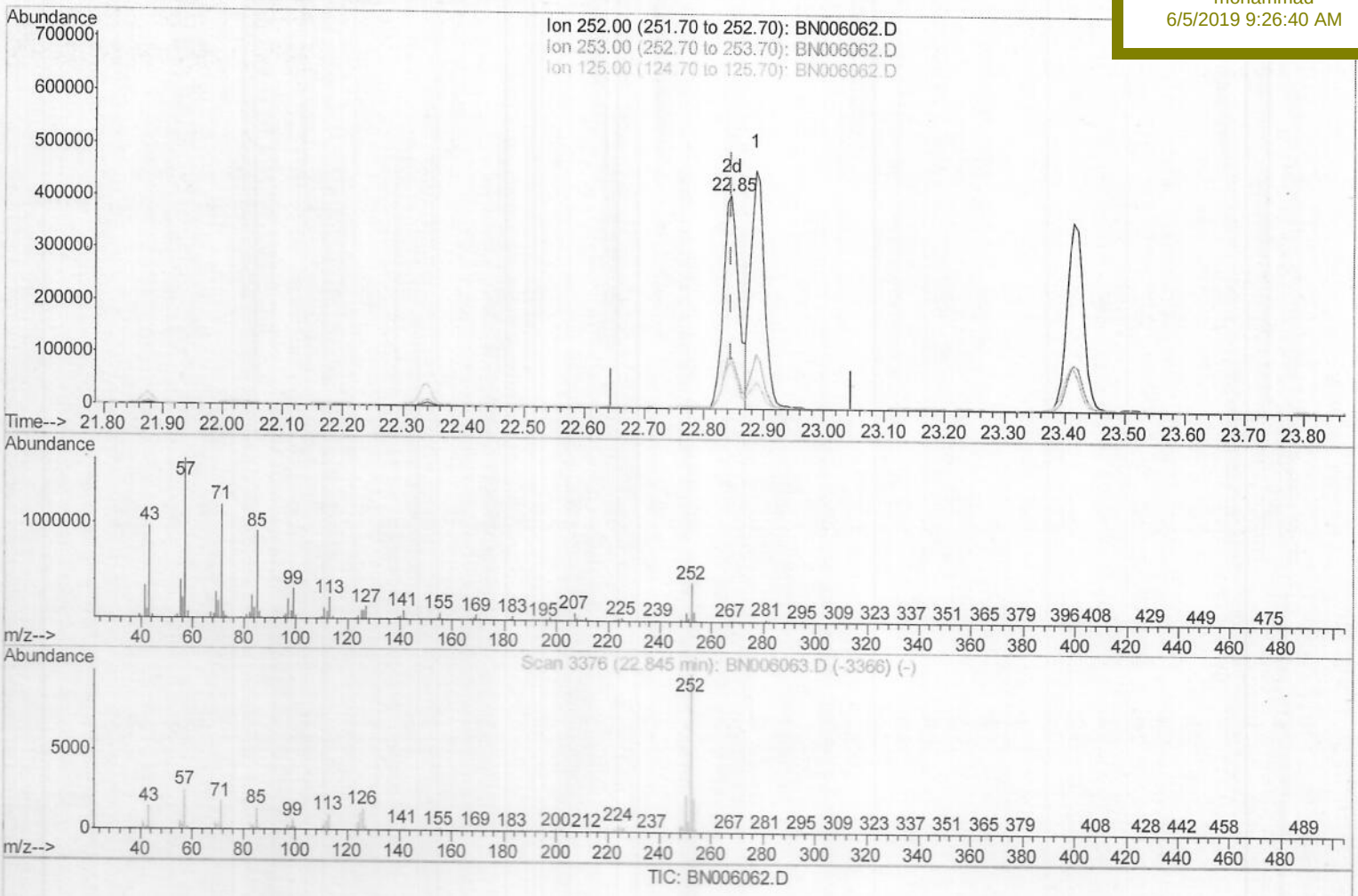

TIC: BN006062.D

(87) Benzo(b)fluoranthene

22.845min (-0.000) 9.50ng/ul m) JU06/05/19

response 741018

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.44
125.00	10.20	21.79#
0.00	0.00	0.00

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6/5/2019 9:26:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	247586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1092062	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	624876	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1354383	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1230617	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1414807	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	21465	4.04	ng/uL	0.00
5) Phenol-d5	6.82	99	196782	9.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	116477	10.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	157620	9.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	155168	9.48	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	75072	9.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	84227	9.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	155282	9.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	179194	9.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	443717	10.04	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	569021	10.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	73344	8.98	ng/ul	0.00
57) Fluorene-d10	15.30	176	375820	10.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	64694	9.86	ng/ul	0.00
70) Anthracene-d10	17.16	188	586702	10.34	ng/ul	0.00
78) Pyrene-d10	19.46	212	614008	8.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	632663	10.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	22683	4.081	ng/uL#	93
4) Benzaldehyde	6.79	77	132109	9.489	ng/ul	98
6) Phenol	6.85	94	203758	9.752	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	156921	9.721	ng/ul	99
10) 2-Chlorophenol	7.22	128	160503	9.784	ng/ul	99
11) 2-Methylphenol	8.09	108	152275	9.518	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.18	45	214921	9.953	ng/ul	99
14) Acetophenone	8.47	105	245170	10.121	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	129135	10.289	ng/ul	99
16) 4-Methylphenol	8.42	108	166241	9.581	ng/ul	98
17) Hexachloroethane	8.72	117	67837	11.146	ng/ul	98
20) Nitrobenzene	8.85	77	182378	9.871	ng/ul	99
21) Isophorone	9.36	82	354086	10.090	ng/ul	99
23) 2-Nitrophenol	9.55	139	88588	9.662	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	182677	9.782	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.85	93	216350	9.742	ng/ul	98
27) 2,4-Dichlorophenol	10.09	162	151230	9.768	ng/ul	97
28) Naphthalene	10.48	128	510191	9.930	ng/ul	99
30) 4-Chloroaniline	10.60	127	182425	9.347	ng/ul	97
31) Hexachlorobutadiene	10.77	225	94433	10.308	ng/ul	99
32) Caprolactam	11.35	113	51208	8.918	ng/ul	95
33) 4-Chloro-3-methylphenol	11.73	107	165097	9.383	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	363205	9.911	ng/ul	98

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6/5/2019 9:26:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	181318	9.827	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	84097	14.353	ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	118023	9.735	ng/ul	97
39) 2,4,5-Trichlorophenol	12.80	196	123200	9.538	ng/ul	97
40) 1,1'-Biphenyl	13.13	154	463717	9.848	ng/ul	100
41) 2-Chloronaphthalene	13.17	162	355770	9.775	ng/ul	99
42) 2-Nitroaniline	13.38	65	102195	9.220	ng/ul	99
44) Dimethylphthalate	13.76	163	440471	10.066	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	85202	9.247	ng/ul	98
47) Acenaphthylene	14.02	152	562342	10.063	ng/ul	99
48) 3-Nitroaniline	14.21	138	81632	8.658	ng/ul	97
49) Acenaphthene	14.37	153	377840	10.036	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	34068	8.143	ng/ul	99
52) 4-Nitrophenol	14.53	109	56657	9.178	ng/ul	95
53) Dibenzofuran	14.70	168	536313	10.031	ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	122756	9.628	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.94	232	106259	10.122	ng/ul	97
56) Diethylphthalate	15.13	149	442946	10.207	ng/ul	100
58) Fluorene	15.36	166	426249	10.319	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	209334	10.253	ng/ul	98
60) 4-Nitroaniline	15.38	138	101542	9.390	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.45	198	69619	10.381	ng/ul#	97
64) N-Nitrosodiphenylamine	15.57	169	375614	9.736	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	129992	9.568	ng/ul	98
66) Hexachlorobenzene	16.36	284	143407	9.920	ng/ul	99
67) Atrazine	16.53	200	136629	10.271	ng/ul	97
68) Pentachlorophenol	16.71	266	75756	9.522	ng/ul	98
69) Phenanthrene	17.10	178	661300	10.062	ng/ul	99
71) Anthracene	17.19	178	683683	10.244	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	184383	9.294	ng/uL	98
73) Pentachlorobenzene	14.63	250	170067	9.604	ng/uL	99
74) Carbazole	17.46	167	616461	10.738	ng/ul	99
75) Di-n-butylphthalate	18.03	149	783531	10.655	ng/ul	99
76) Fluoranthene	19.13	202	766638	11.986	ng/ul	99
79) Pyrene	19.49	202	772630	8.711	ng/ul	99
80) Butylbenzylphthalate	20.41	149	361471	9.006	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.20	252	261034	11.127	ng/ul	99
82) Benzo(a)anthracene	21.26	228	761694	10.017	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.20	149	522392	9.471	ng/ul	96
84) Chrysene	21.32	228	724477	10.070	ng/ul	99
86) Di-n-octyl phthalate	22.08	149	924269	9.544	ng/ul	100
87) Benzo(b)fluoranthene	22.85	252	741018m	9.496	ng/ul	
88) Benzo(k)fluoranthene	22.89	252	729620	9.649	ng/ul	98
90) Benzo(a)pyrene	23.42	252	705282	9.506	ng/ul#	88
91) Indeno(1,2,3-cd)pyrene	25.76	276	891705	10.439	ng/ul	99
92) Dibenzo(a,h)anthracene	25.76	278	757513	10.519	ng/ul	100
93) Benzo(g,h,i)perylene	26.44	276	747134	10.627	ng/ul	99

JJV06/05/19

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