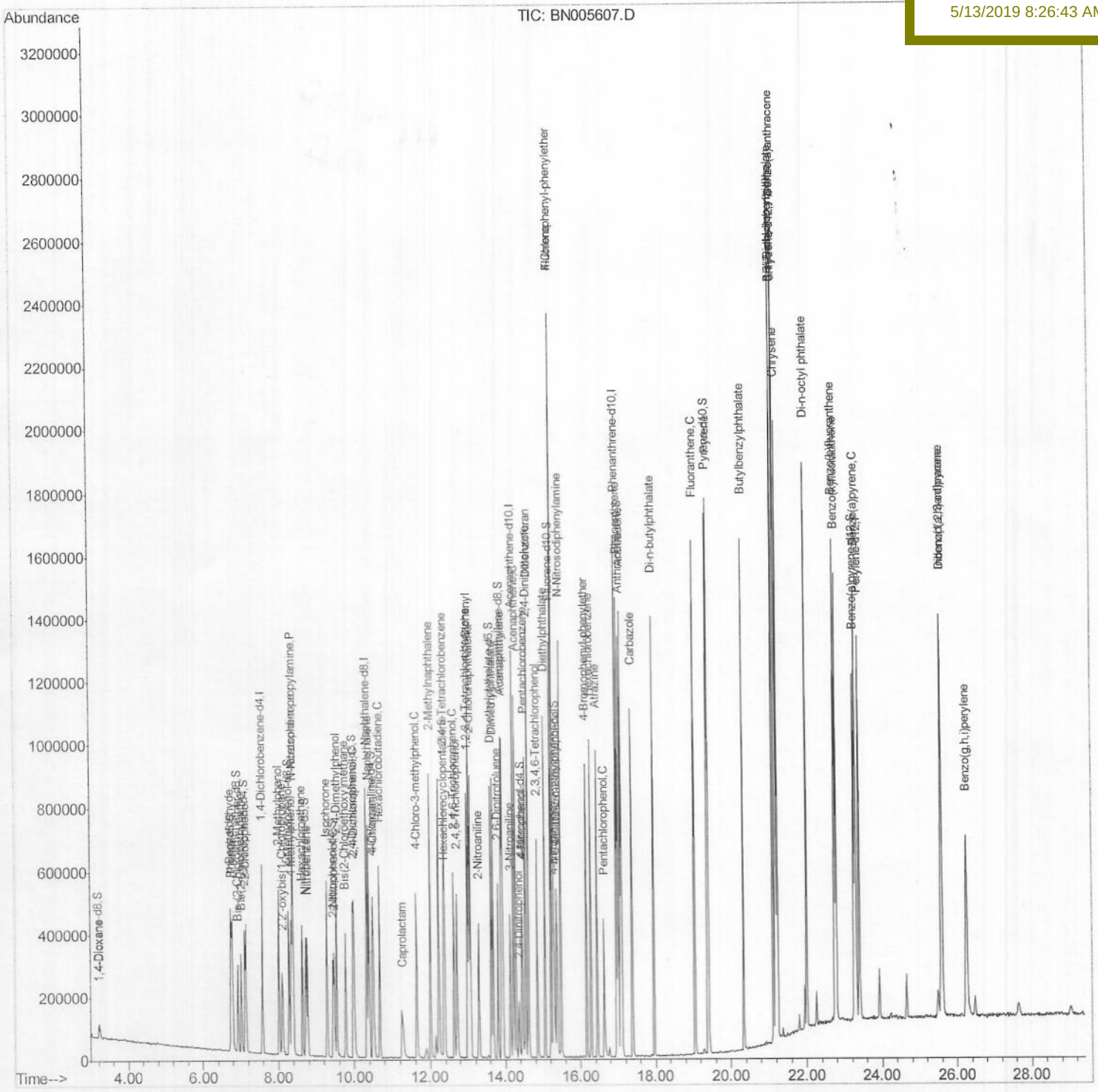
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005607.D
Acq On : 11 May 2019 02:36
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 11 03:49:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02008

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:43 AM



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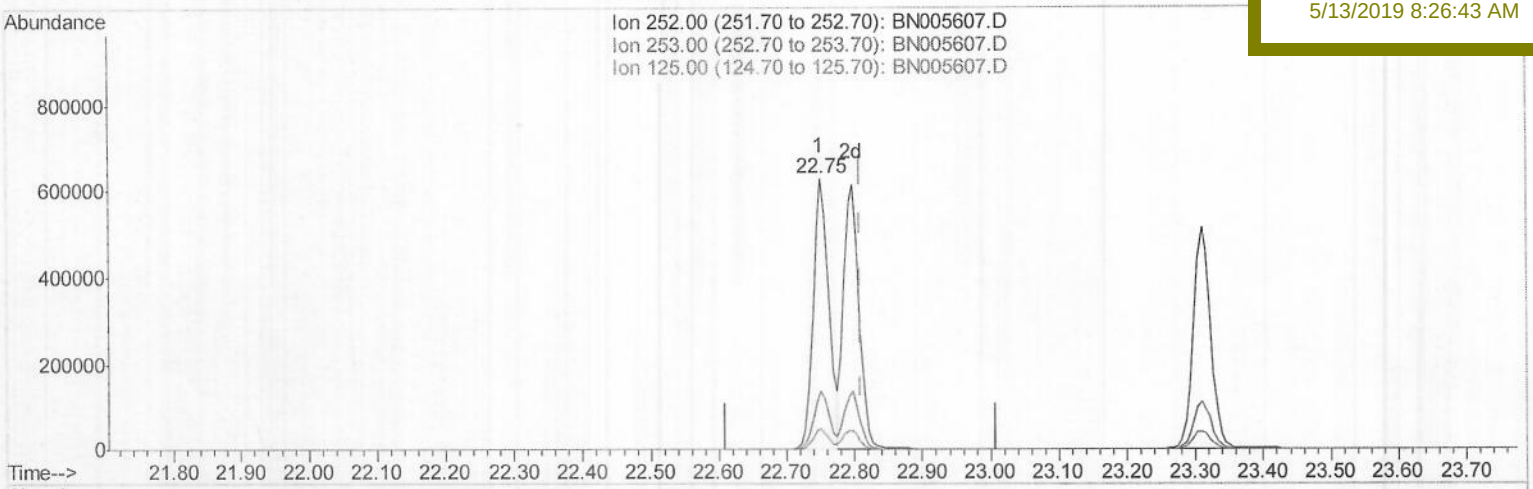

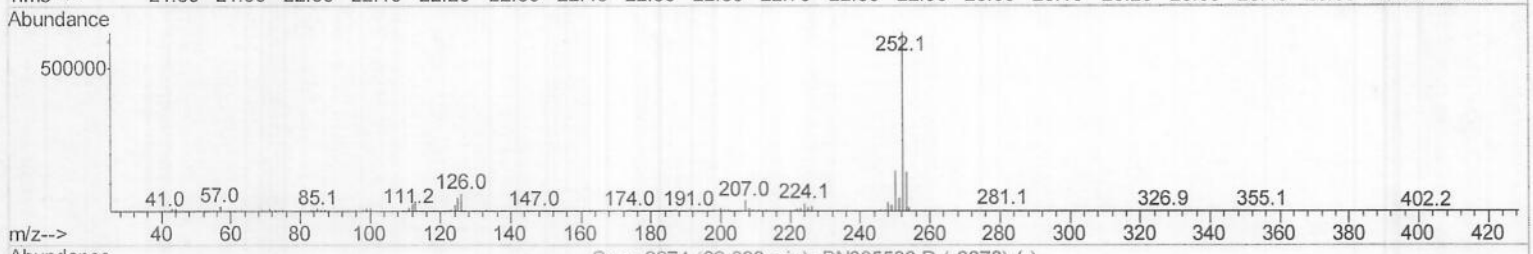

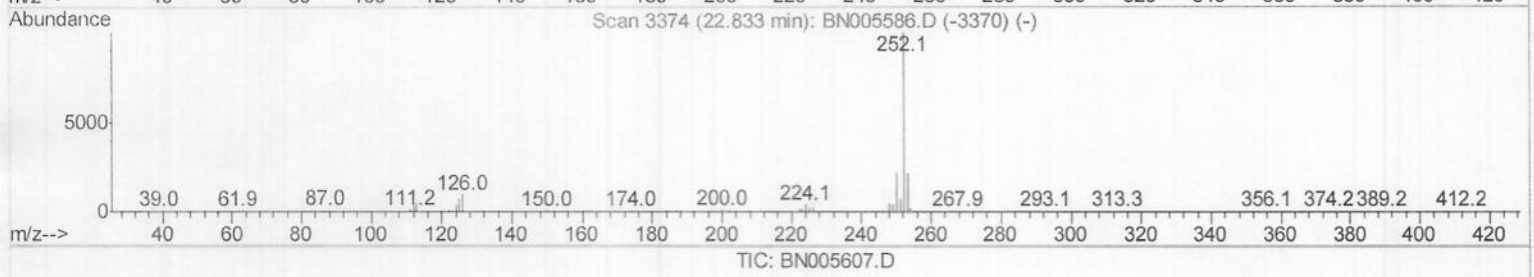

TIC: BN005607.D

(88) Benzo(k)fluoranthene

22.751min (-0.059) 20.54ng/ul

response 1002853

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.77
125.00	9.40	7.79
0.00	0.00	0.00

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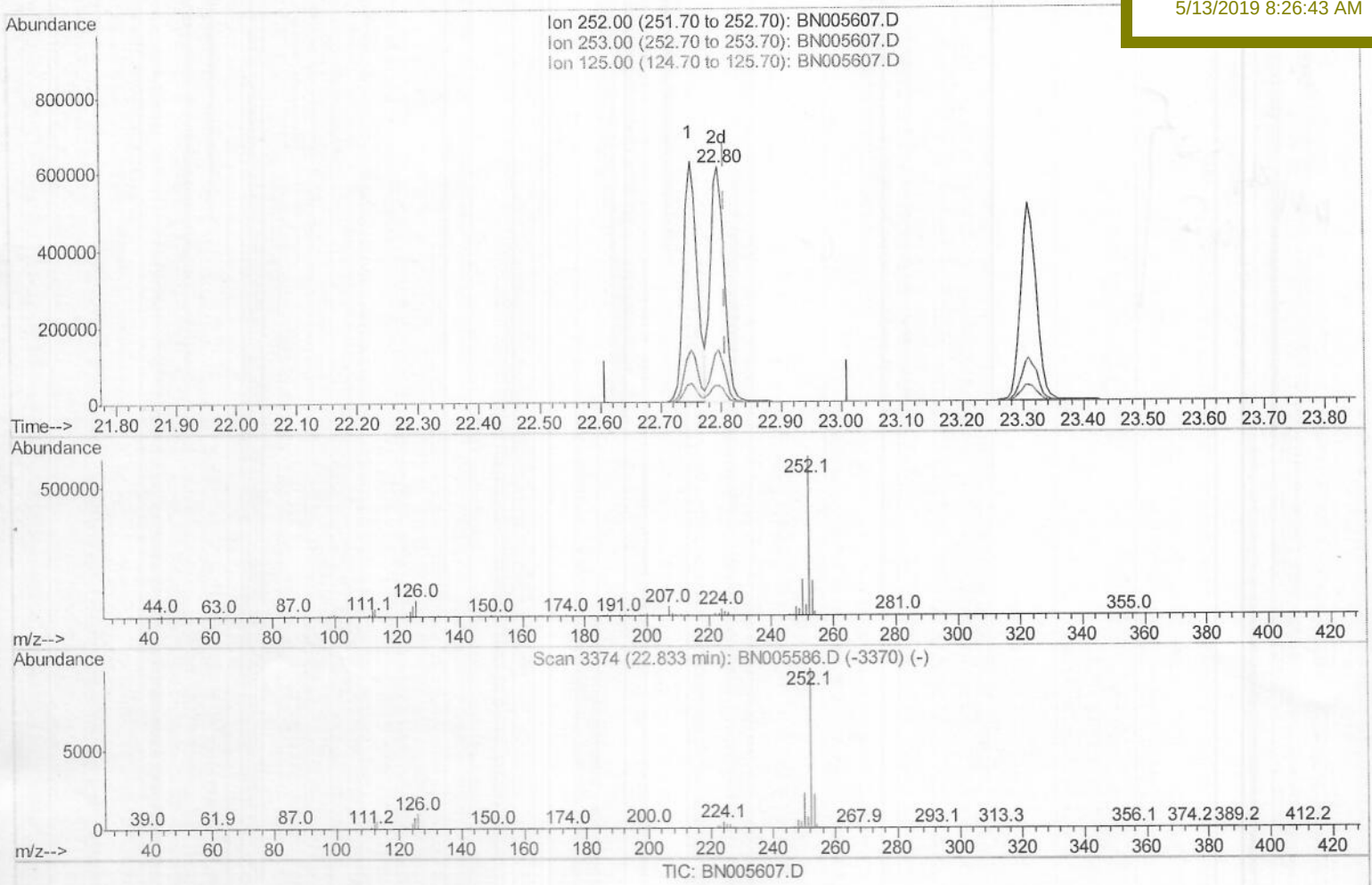

TIC: BN005607.D

(88) Benzo(k)fluoranthene

22.798min (-0.012) 19.82ng/ul m

response 967746

JU 05/12/19

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.19
125.00	9.40	7.20#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	164580	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	692993	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	425964	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	999716	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	957638	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	909506	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	20903	6.13	ng/uL	0.00
5) Phenol-d5	6.76	99	212101	16.41	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	117767	14.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	178332	18.03	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	170902	16.91	ng/ul	-0.01
19) Nitrobenzene-d5	8.72	128	90689	21.26	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.44	143	100857	23.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	193812	19.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	236051	23.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	583090	18.86	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	716424	18.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	85476	17.51	ng/ul	0.00
57) Fluorene-d10	15.22	176	497592	19.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	93663	20.83	ng/ul	0.00
70) Anthracene-d10	17.07	188	786336	18.76	ng/ul	-0.01
78) Pyrene-d10	19.39	212	880592	17.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	761695	19.16	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	23396	6.381	ng/uL	97
4) Benzaldehyde	6.74	77	146201	15.961	ng/ul	99
6) Phenol	6.79	94	214125	16.105	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	170070	15.975	ng/ul	95
10) 2-Chlorophenol	7.15	128	178943	17.497	ng/ul	95
11) 2-Methylphenol	8.02	108	167827	16.845	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	237115	13.265	ng/ul	96
14) Acetophenone	8.39	105	287461	17.776	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.38	70	135683	15.685	ng/ul#	91
16) 4-Methylphenol	8.35	108	182494	16.961	ng/ul	94
17) Hexachloroethane	8.64	117	77642	17.483	ng/ul	87
20) Nitrobenzene	8.76	77	207779	17.701	ng/ul	96
21) Isophorone	9.28	82	392228	16.876	ng/ul	97
23) 2-Nitrophenol	9.47	139	107743	21.989	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	199045	16.224	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	237202	16.240	ng/ul	95
27) 2,4-Dichlorophenol	10.00	162	185709	18.985	ng/ul	97
28) Naphthalene	10.39	128	593858	18.434	ng/ul	99
30) 4-Chloroaniline	10.51	127	239733	23.026	ng/ul	98
31) Hexachlorobutadiene	10.67	225	138191	20.005	ng/ul	99
32) Caprolactam	11.26	113	58098	19.630	ng/ul	80
33) 4-Chloro-3-methylphenol	11.65	107	194334	17.643	ng/ul	91
34) 2-Methylnaphthalene	12.01	142	436747	18.515	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	258609	19.618 ng/ul	96
37) Hexachlorocyclopentadiene	12.36	237	125762	13.993 ng/ul	100
38) 2,4,6-Trichlorophenol	12.64	196	155086	19.510 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	164601	19.270 ng/ul	97
40) 1,1'-Biphenyl	13.04	154	573243	18.062 ng/ul	98
41) 2-Chloronaphthalene	13.08	162	456000	18.681 ng/ul	95
42) 2-Nitroaniline	13.30	65	127431	19.682 ng/ul#	85
44) Dimethylphthalate	13.68	163	570735	18.524 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	116593	21.916 ng/ul	90
47) Acenaphthylene	13.93	152	695924	18.646 ng/ul	99
48) 3-Nitroaniline	14.13	138	116291	23.513 ng/ul#	91
49) Acenaphthene	14.28	153	472447	18.542 ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	46703	18.022 ng/ul	93
52) 4-Nitrophenol	14.46	109	75607	17.060 ng/ul	99
53) Dibenzofuran	14.62	168	699639	19.071 ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	173971	22.684 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.85	232	148910	20.956 ng/ul	91
56) Diethylphthalate	15.06	149	569226	18.425 ng/ul	97
58) Fluorene	15.27	166	561072	19.600 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	300232	19.771 ng/ul	99
60) 4-Nitroaniline	15.30	138	132154	21.433 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.37	198	95586	19.974 ng/ul#	92
64) N-Nitrosodiphenylamine	15.49	169	493367	18.031 ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	191937	19.057 ng/ul	93
66) Hexachlorobenzene	16.28	284	214040	19.958 ng/ul	94
67) Atrazine	16.45	200	186763	18.335 ng/ul	98
68) Pentachlorophenol	16.63	266	93996	14.969 ng/ul	98
69) Phenanthrene	17.02	178	911170	18.715 ng/ul	100
71) Anthracene	17.10	178	921381	18.577 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	263721	18.060 ng/uL	95
73) Pentachlorobenzene	14.54	250	247630	18.842 ng/uL	98
74) Carbazole	17.39	167	807444	18.951 ng/ul	98
75) Di-n-butylphthalate	17.96	149	965379	18.059 ng/ul	100
76) Fluoranthene	19.05	202	1066518	19.749 ng/ul#	94
79) Pyrene	19.42	202	1119240	18.152 ng/ul#	93
80) Butylbenzylphthalate	20.34	149	436001	17.860 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.13	252	347459	18.160 ng/ul#	96
82) Benzo(a)anthracene	21.19	228	1104046	18.532 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.13	149	637735	16.965 ng/ul	96
84) Chrysene	21.24	228	1039751	18.805 ng/ul	100
86) Di-n-octyl phthalate	22.01	149	1090873	19.583 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	1002853	19.615 ng/ul#	97
88) Benzo(k)fluoranthene	22.80	252	967746m	19.819 ng/ul	
90) Benzo(a)pyrene	23.31	252	920594	19.157 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.59	276	930191	17.507 ng/ul	96
92) Dibenzo(a,h)anthracene	25.60	278	797075	17.677 ng/ul#	96
93) Benzo(g,h,i)perylene	26.26	276	746216	16.986 ng/ul#	93

JU 05/12/19

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