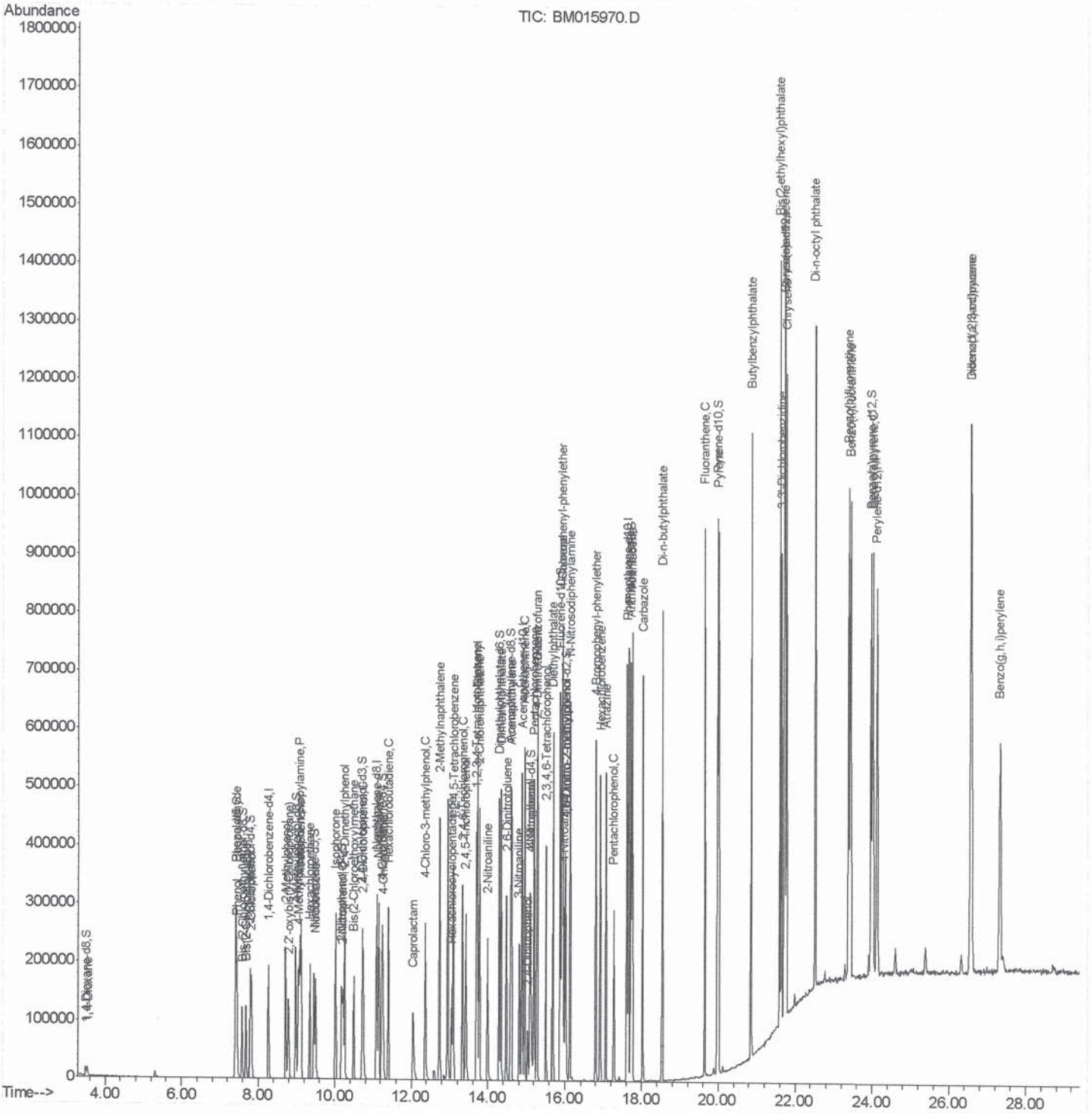
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071618\
Data File : BM015970.D
Acq On : 17 Jul 2018 00:22
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 03:58:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 17 03:03:10 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02039

Manual Integrations APPROVED
Sohil
7/17/2018 5:09:05 PM



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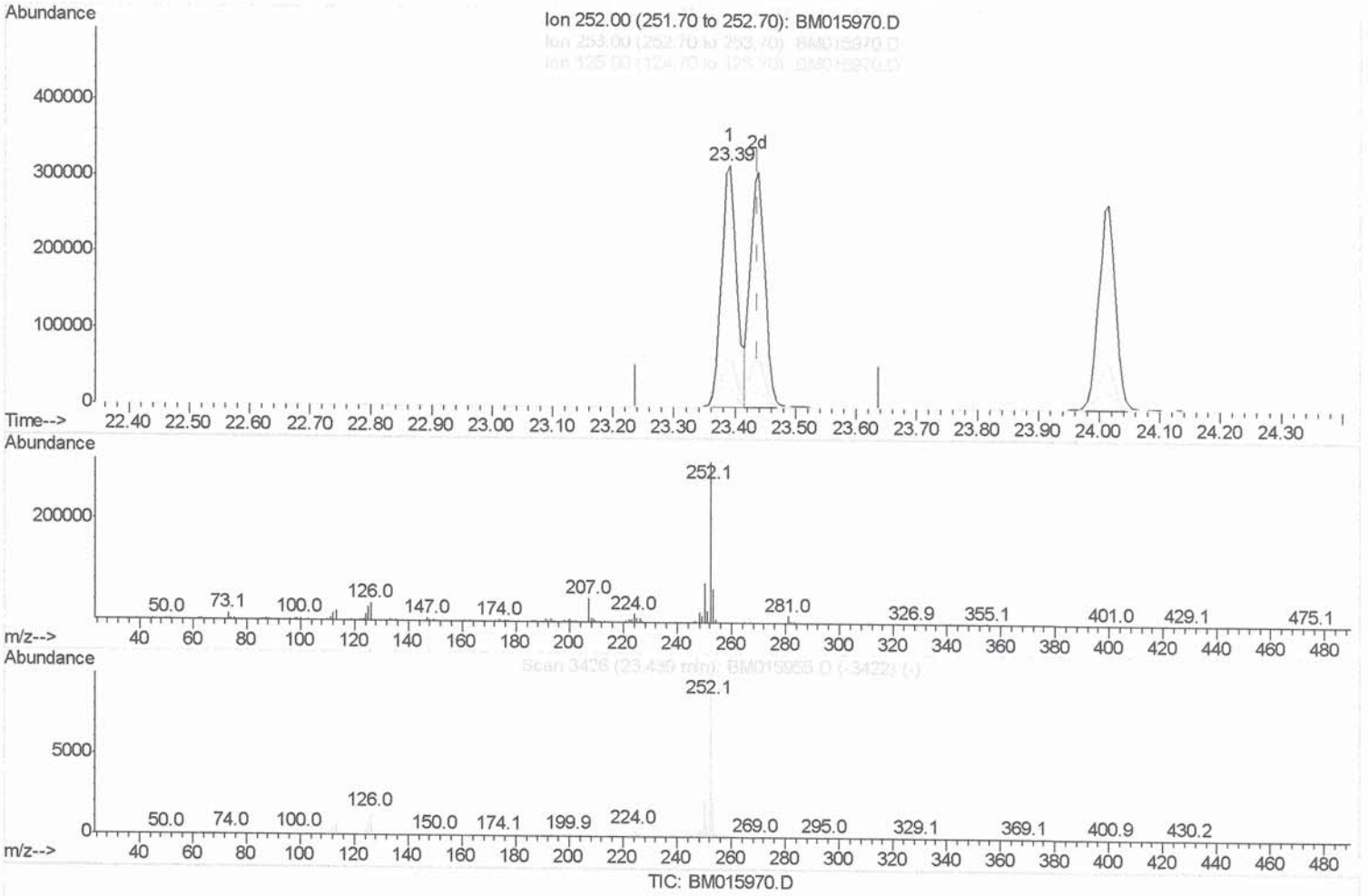

TIC: BM015970.D

(88) Benzo(k)fluoranthene

23.392min (-0.047) 20.44ng/ul

response 562540

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.37
125.00	10.20	8.95
0.00	0.00	0.00

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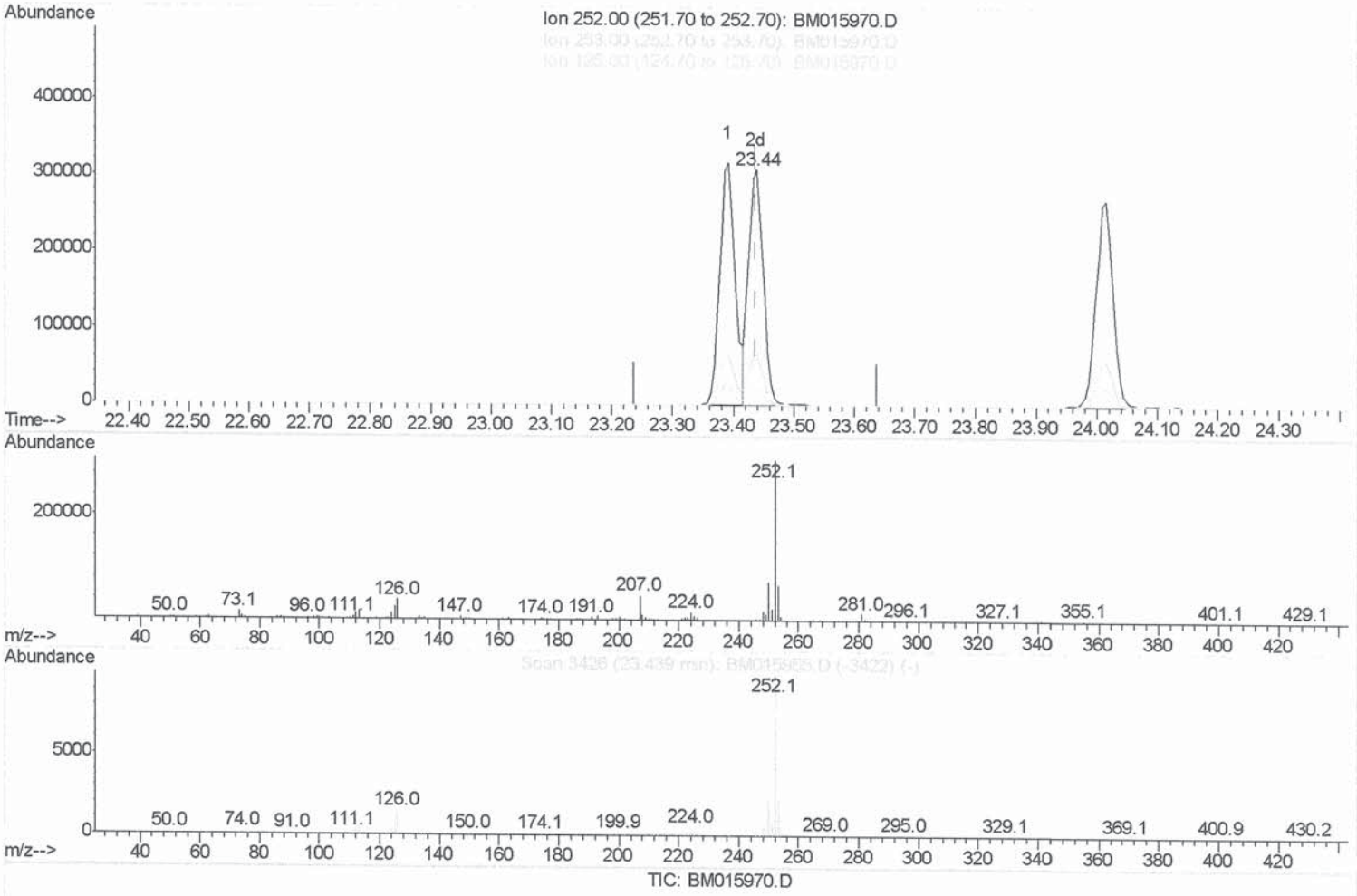

(88) Benzo(k)fluoranthene

23.439min (+0.000) 18.71ng/ul m SJ 7/19/18

response 515014

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.95
125.00	10.20	8.07#
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	8.26	152	47214	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	228573	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.89	164	151895	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	351097	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	426445	20.00	ng/ul	0.00
85) Perylene-d12	24.12	264	448833	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	8425	7.86	ng/uL	0.00
5) Phenol-d5	7.42	99	80358	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	52268	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	70030	19.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	71588	19.37	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	33695	20.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	35891	19.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	71656	19.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	98789	22.47	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	261518	18.89	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	309314	19.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	43045	17.94	ng/ul	0.00
57) Fluorene-d10	15.87	176	223470	19.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	39299	16.77	ng/ul	0.00
70) Anthracene-d10	17.71	188	352516	19.61	ng/ul	0.00
78) Pyrene-d10	19.97	212	393030	19.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	473743	19.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	8911	8.518	ng/uL	87
4) Benzaldehyde	7.40	77	58275	21.014	ng/ul	85
6) Phenol	7.44	94	82096	18.949	ng/ul#	70
8) Bis(2-Chloroethyl)ether	7.67	93	61996	19.378	ng/ul#	86
10) 2-Chlorophenol	7.82	128	69964	20.107	ng/ul#	90
11) 2-Methylphenol	8.71	108	64289	19.294	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.78	45	97566	19.200	ng/ul#	88
14) Acetophenone	9.10	105	117799	19.187	ng/ul#	77
15) N-Nitroso-di-n-propylamine	9.07	70	62099	20.219	ng/ul#	64
16) 4-Methylphenol	9.04	108	71946	19.551	ng/ul	99
17) Hexachloroethane	9.34	117	31495	20.111	ng/ul	86
20) Nitrobenzene	9.49	77	93435	20.141	ng/ul#	88
21) Isophorone	10.01	82	159458	19.701	ng/ul#	98
23) 2-Nitrophenol	10.20	139	39502	19.724	ng/ul#	67
24) 2,4-Dimethylphenol	10.25	107	91564	19.990	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.49	93	89421	18.988	ng/ul	99
27) 2,4-Dichlorophenol	10.74	162	72623	20.524	ng/ul	99
28) Naphthalene	11.14	128	231235	19.088	ng/ul	100
30) 4-Chloroaniline	11.26	127	96048	21.908	ng/ul	100
31) Hexachlorobutadiene	11.39	225	49720	20.003	ng/ul	95
32) Caprolactam	12.04	113	23025	19.305	ng/ul#	61
33) 4-Chloro-3-methylphenol	12.36	107	85479	20.575	ng/ul	99
34) 2-Methylnaphthalene	12.73	142	180824	20.118	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	13.09	216	90219	19.137 ng/ul#	97
37) Hexachlorocyclopentadiene	13.05	237	33845	15.142 ng/ul	95
38) 2,4,6-Trichlorophenol	13.33	196	61257	20.123 ng/ul	97
39) 2,4,5-Trichlorophenol	13.41	196	63681	19.691 ng/ul	97
40) 1,1'-Biphenyl	13.72	154	245154	19.059 ng/ul	99
41) 2-Chloronaphthalene	13.77	162	190277	19.166 ng/ul	98
42) 2-Nitroaniline	13.99	65	64322	20.247 ng/ul#	70
44) Dimethylphthalate	14.33	163	261796	19.093 ng/ul	100
45) 2,6-Dinitrotoluene	14.47	165	49200	20.082 ng/ul#	65
47) Acenaphthylene	14.61	152	302452	19.557 ng/ul	100
48) 3-Nitroaniline	14.81	138	49534	19.635 ng/ul	88
49) Acenaphthene	14.95	153	216791	19.301 ng/ul	95
50) 2,4-Dinitrophenol	15.03	184	17276	12.761 ng/ul#	1
52) 4-Nitrophenol	15.11	109	56240	19.665 ng/ul#	69
53) Dibenzofuran	15.28	168	304742	19.012 ng/ul	90
54) 2,4-Dinitrotoluene	15.26	165	77867	19.802 ng/ul#	52
55) 2,3,4,6-Tetrachlorophenol	15.50	232	57845	19.635 ng/ul#	81
56) Diethylphthalate	15.68	149	289557	19.430 ng/ul	96
58) Fluorene	15.93	166	249156	19.185 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.91	204	121515	18.776 ng/ul	96
60) 4-Nitroaniline	15.96	138	52590	19.005 ng/ul#	59
63) 4,6-Dinitro-2-methylphenol	16.02	198	40739	16.977 ng/ul#	79
64) N-Nitrosodiphenylamine	16.13	169	212926	19.579 ng/ul	98
65) 4-Bromophenyl-phenylether	16.80	248	72978	19.287 ng/ul	94
66) Hexachlorobenzene	16.92	284	81241	19.230 ng/ul	93
67) Atrazine	17.06	200	82812	19.080 ng/ul	97
68) Pentachlorophenol	17.27	266	40230	17.714 ng/ul	95
69) Phenanthrene	17.66	178	398070	19.177 ng/ul	100
71) Anthracene	17.74	178	414318	19.358 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.69	216	94645	19.270 ng/uL	99
73) Pentachlorobenzene	15.20	250	93069	19.368 ng/uL	98
74) Carbazole	18.02	167	369966	19.073 ng/ul	97
75) Di-n-butylphthalate	18.54	149	496513	20.034 ng/ul#	97
76) Fluoranthene	19.64	202	478381	18.363 ng/ul	96
79) Pyrene	20.00	202	493986	19.650 ng/ul	95
80) Butylbenzylphthalate	20.85	149	245614	20.308 ng/ul#	84
81) 3,3'-Dichlorobenzidine	21.64	252	180966	19.292 ng/ul	98
82) Benzo(a)anthracene	21.72	228	538670	19.537 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	360051	20.301 ng/ul	96
84) Chrysene	21.77	228	497490	19.290 ng/ul	100
86) Di-n-octyl phthalate	22.52	149	632135	17.982 ng/ul#	85
87) Benzo(b)fluoranthene	23.39	252	562540	19.539 ng/ul	98
88) Benzo(k)fluoranthene	23.44	252	515014m	18.713 ng/ul	
90) Benzo(a)pyrene	24.02	252	520906	18.817 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.57	276	594012	17.452 ng/ul	94
92) Dibenzo(a,h)anthracene	26.57	278	502964	17.450 ng/ul	96
93) Benzo(g,h,i)perylene	27.32	276	468362	17.210 ng/ul#	93

SJ 7/19/18

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