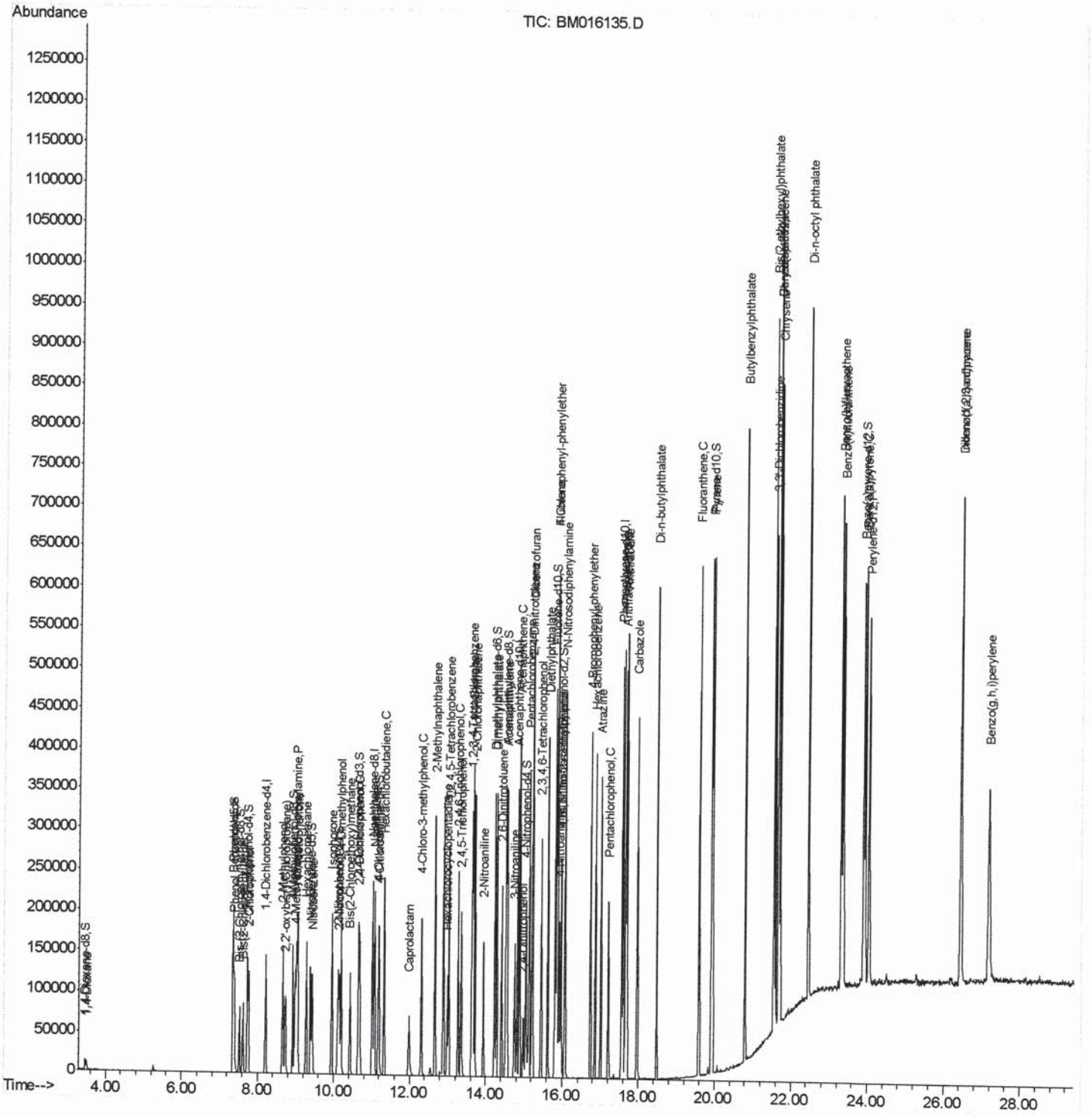
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016135.D
Acq On : 01 Aug 2018 10:49
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 17:18:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 31 06:41:25 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02052

Manual Integrations APPROVED
Sohil
8/2/2018 2:18:53 PM



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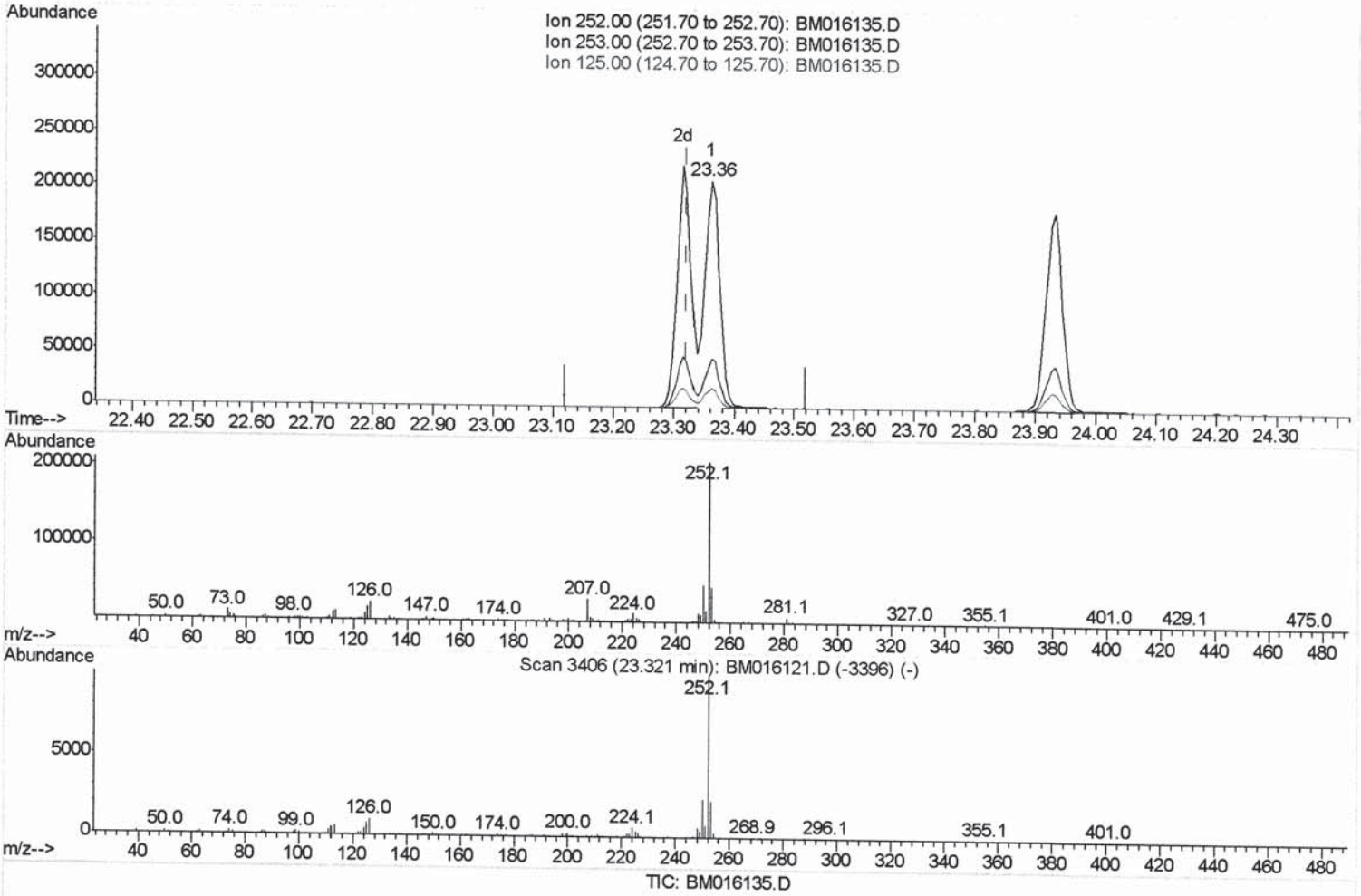

TIC: BM016135.D

(87) Benzo(b)fluoranthene

23.362min (+0.041) 19.20ng/ul

response 349701

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	21.98
125.00	10.60	8.67
0.00	0.00	0.00

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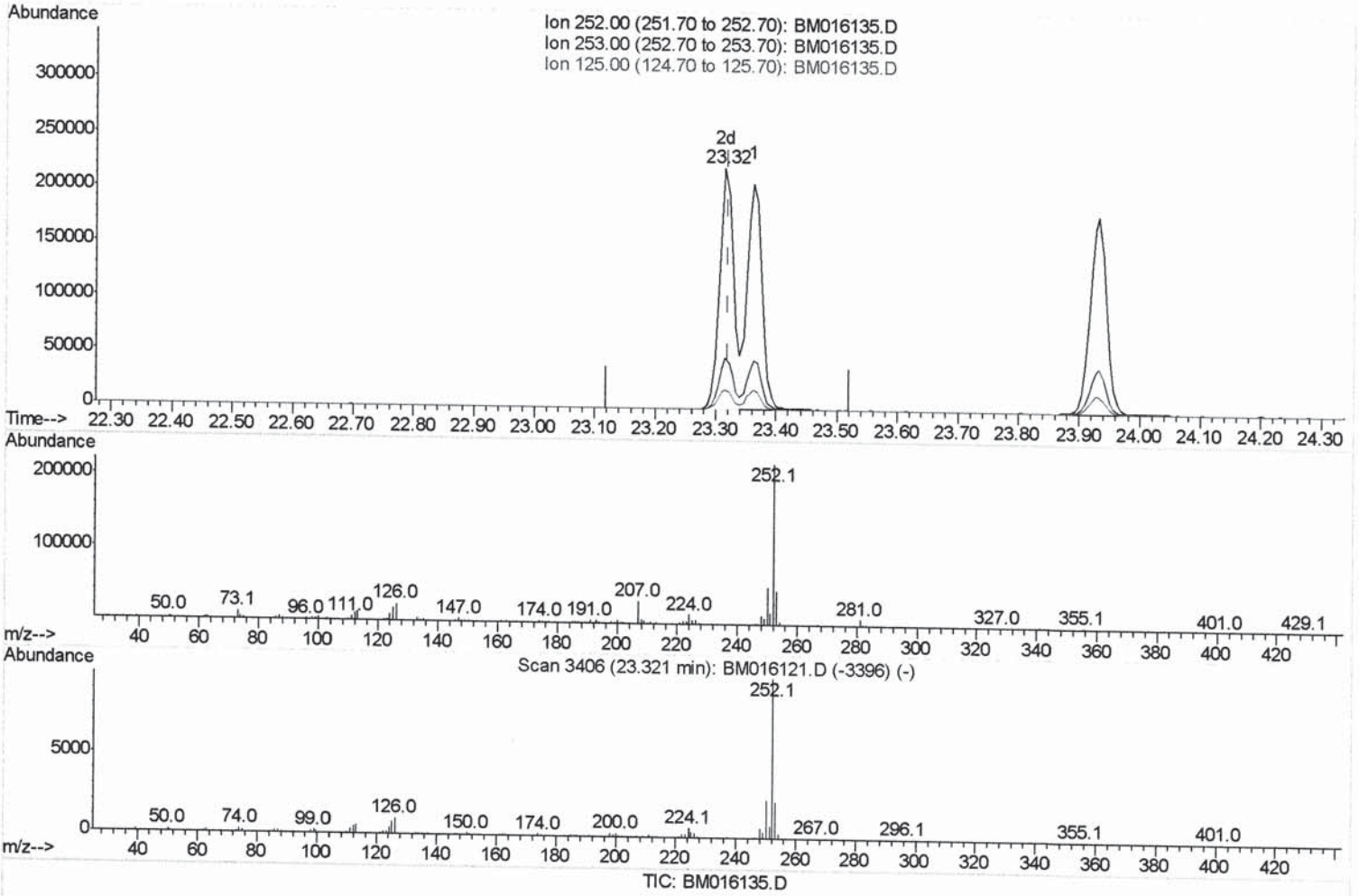

(87) Benzo(b)fluoranthene

23.315min (-0.006) 19.71ng/ul m SJ 8/3/18

response 359067

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	21.51
125.00	10.60	8.06#
0.00	0.00	0.00

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Instrument :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	31802	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	153293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	100474	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	235349	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	288656	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	283990	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	5892	8.16	ng/uL	0.00
5) Phenol-d5	7.35	99	50532	17.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	34161	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	47406	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	45602	18.32	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	22369	20.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	26142	20.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	49341	20.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	66613	22.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	181593	19.83	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	205498	19.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	26146	16.47	ng/ul	0.00
57) Fluorene-d10	15.81	176	148346	19.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	27565	17.55	ng/ul	0.00
70) Anthracene-d10	17.65	188	237204	19.69	ng/ul	0.00
78) Pyrene-d10	19.92	212	263417	19.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.88	264	306377	19.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	6688	9.492	ng/uL#	72
4) Benzaldehyde	7.34	77	39313	21.046	ng/ul	85
6) Phenol	7.38	94	51577	17.674	ng/ul#	62
8) Bis(2-Chloroethyl)ether	7.62	93	39158	18.171	ng/ul#	84
10) 2-Chlorophenol	7.75	128	44804	19.116	ng/ul#	91
11) 2-Methylphenol	8.65	108	39740	17.706	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.72	45	57798	16.886	ng/ul#	94
14) Acetophenone	9.04	105	79856	19.310	ng/ul#	74
15) N-Nitroso-di-n-propylamine	9.01	70	39666	19.174	ng/ul#	61
16) 4-Methylphenol	8.98	108	45426	18.327	ng/ul	97
17) Hexachloroethane	9.27	117	25291	23.976	ng/ul	88
20) Nitrobenzene	9.43	77	65086	20.920	ng/ul#	85
21) Isophorone	9.95	82	110092	20.281	ng/ul#	96
23) 2-Nitrophenol	10.14	139	27688	20.615	ng/ul#	68
24) 2,4-Dimethylphenol	10.18	107	65496	21.321	ng/ul	84
25) Bis(2-Chloroethoxy)methane	10.42	93	60959	19.301	ng/ul	99
27) 2,4-Dichlorophenol	10.67	162	48231	20.325	ng/ul	98
28) Naphthalene	11.07	128	159005	19.572	ng/ul	99
30) 4-Chloroaniline	11.19	127	63191	21.492	ng/ul	97
31) Hexachlorobutadiene	11.32	225	37781	22.664	ng/ul	97
32) Caprolactam	11.97	113	13587	16.987	ng/ul#	60
33) 4-Chloro-3-methylphenol	12.30	107	56771	20.376	ng/ul	98
34) 2-Methylnaphthalene	12.66	142	120172	19.936	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.02	216	63529	20.372 ng/ul#	94
37) Hexachlorocyclopentadiene	12.99	237	26003	17.588 ng/ul#	98
38) 2,4,6-Trichlorophenol	13.27	196	40555	20.141 ng/ul	98
39) 2,4,5-Trichlorophenol	13.35	196	41491	19.396 ng/ul	98
40) 1,1'-Biphenyl	13.66	154	163004	19.158 ng/ul	98
41) 2-Chloronaphthalene	13.71	162	124598	18.973 ng/ul	98
42) 2-Nitroaniline	13.93	65	43615	20.755 ng/ul#	70
44) Dimethylphthalate	14.27	163	178555	19.687 ng/ul	99
45) 2,6-Dinitrotoluene	14.42	165	33932	20.938 ng/ul#	64
47) Acenaphthylene	14.55	152	200570	19.607 ng/ul	99
48) 3-Nitroaniline	14.75	138	31409	18.822 ng/ul	91
49) Acenaphthene	14.89	153	145061	19.524 ng/ul	98
50) 2,4-Dinitrophenol	14.97	184	13637	15.228 ng/ul#	6
52) 4-Nitrophenol	15.05	109	38677	20.445 ng/ul#	65
53) Dibenzofuran	15.22	168	203709	19.213 ng/ul#	86
54) 2,4-Dinitrotoluene	15.20	165	51739	19.892 ng/ul#	29
55) 2,3,4,6-Tetrachlorophenol	15.45	232	39341	20.188 ng/ul#	87
56) Diethylphthalate	15.62	149	202725	20.565 ng/ul	94
58) Fluorene	15.86	166	166616	19.396 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.85	204	86148	20.123 ng/ul	91
60) 4-Nitroaniline	15.91	138	32291	17.642 ng/ul#	40
63) 4,6-Dinitro-2-methylphenol	15.97	198	28584	17.770 ng/ul#	81
64) N-Nitrosodiphenylamine	16.07	169	144506	19.822 ng/ul	98
65) 4-Bromophenyl-phenylether	16.74	248	50685	19.983 ng/ul#	88
66) Hexachlorobenzene	16.86	284	53772	18.988 ng/ul#	83
67) Atrazine	17.00	200	58268	20.027 ng/ul	97
68) Pentachlorophenol	17.21	266	26799	17.603 ng/ul	98
69) Phenanthrene	17.60	178	266882	19.180 ng/ul	99
71) Anthracene	17.69	178	279790	19.501 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.63	216	65885	20.011 ng/uL	98
73) Pentachlorobenzene	15.14	250	61309	19.034 ng/uL	96
74) Carbazole	17.96	167	241740	18.591 ng/ul	97
75) Di-n-butylphthalate	18.48	149	350020	21.069 ng/ul#	96
76) Fluoranthene	19.59	202	323288	18.512 ng/ul#	92
79) Pyrene	19.94	202	336257	19.760 ng/ul#	91
80) Butylbenzylphthalate	20.80	149	174113	21.268 ng/ul#	82
81) 3,3'-Dichlorobenzidine	21.59	252	122314	19.263 ng/ul	99
82) Benzo(a)anthracene	21.66	228	370781	19.868 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	265446	22.111 ng/ul	93
84) Chrysene	21.71	228	345846	19.811 ng/ul	99
86) Di-n-octyl phthalate	22.45	149	464047	20.862 ng/ul#	81
87) Benzo(b)fluoranthene	23.32	252	359067m	19.711 ng/ul	
88) Benzo(k)fluoranthene	23.36	252	349701	20.081 ng/ul	98
90) Benzo(a)pyrene	23.93	252	341395	19.491 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.44	276	362931	16.852 ng/ul#	93
92) Dibenzo(a,h)anthracene	26.44	278	304563	16.700 ng/ul	97
93) Benzo(g,h,i)perylene	27.19	276	283722	16.477 ng/ul#	93

SJ 8/3/18

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