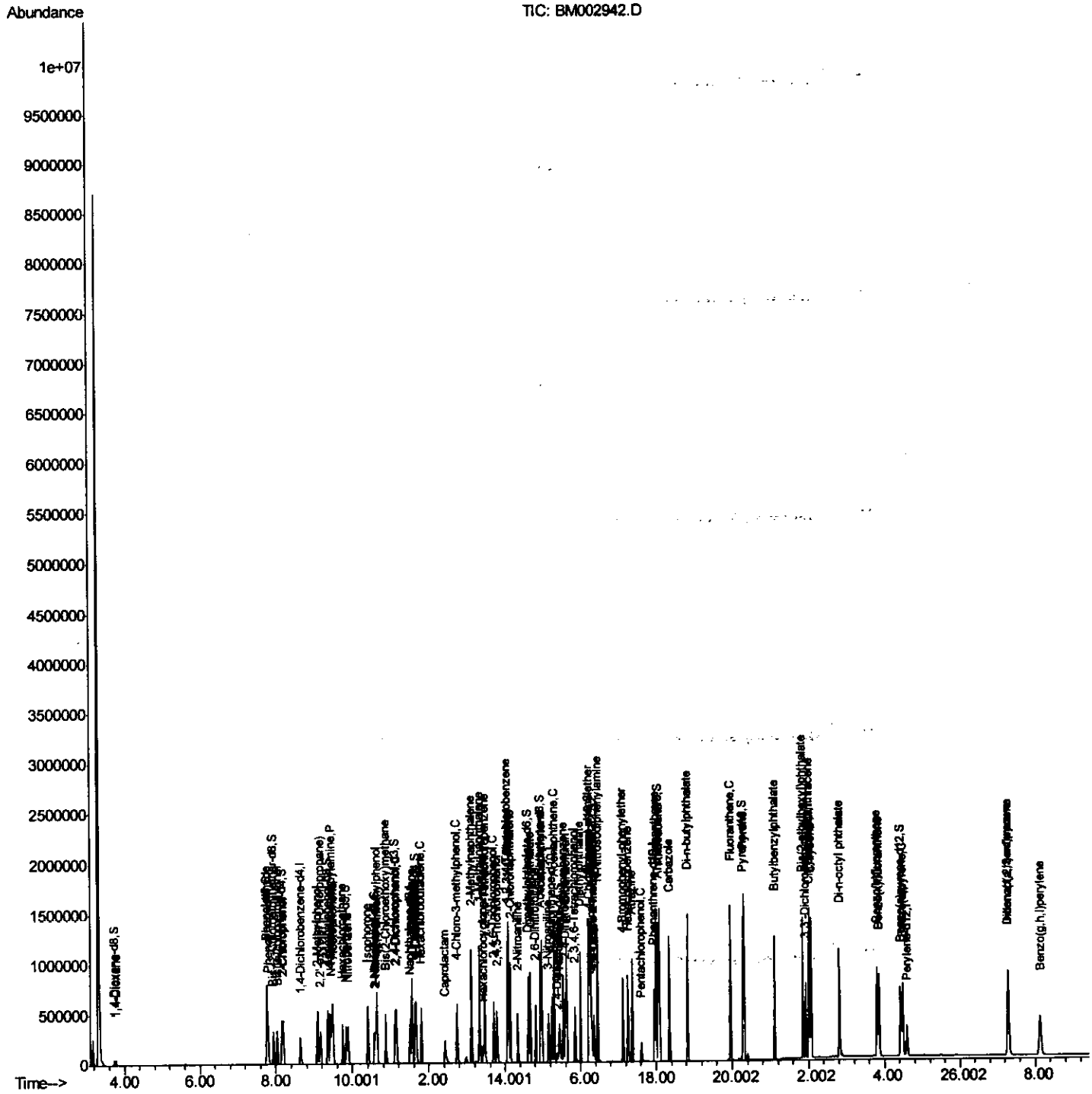
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102115\
Data File : BM002942.D
Acq On : 21 Oct 2015 02:58
Operator : UM/IZ
Sample : SSTD04038
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 21 04:30:34 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 04:00:35 2015
Response via : Initial Calibration



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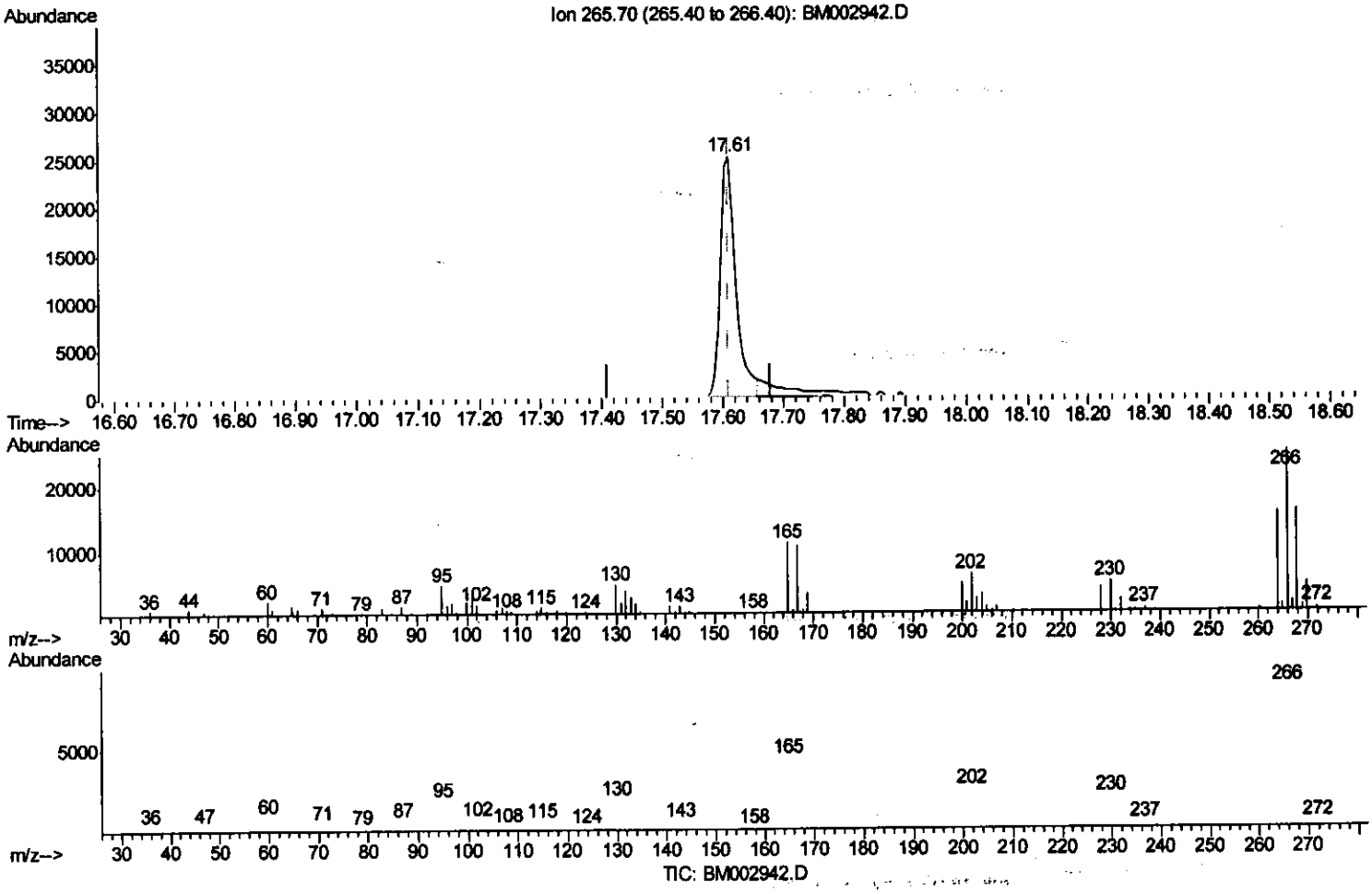

(69) Pentachlorophenol (C)

17.609min (0.000) 20.64ng/ul

response 44567

Ion	Exp%	Act%
265.70	100	100
264.00	62.00	62.02
268.00	63.20	63.22
0.00	0.00	0.00

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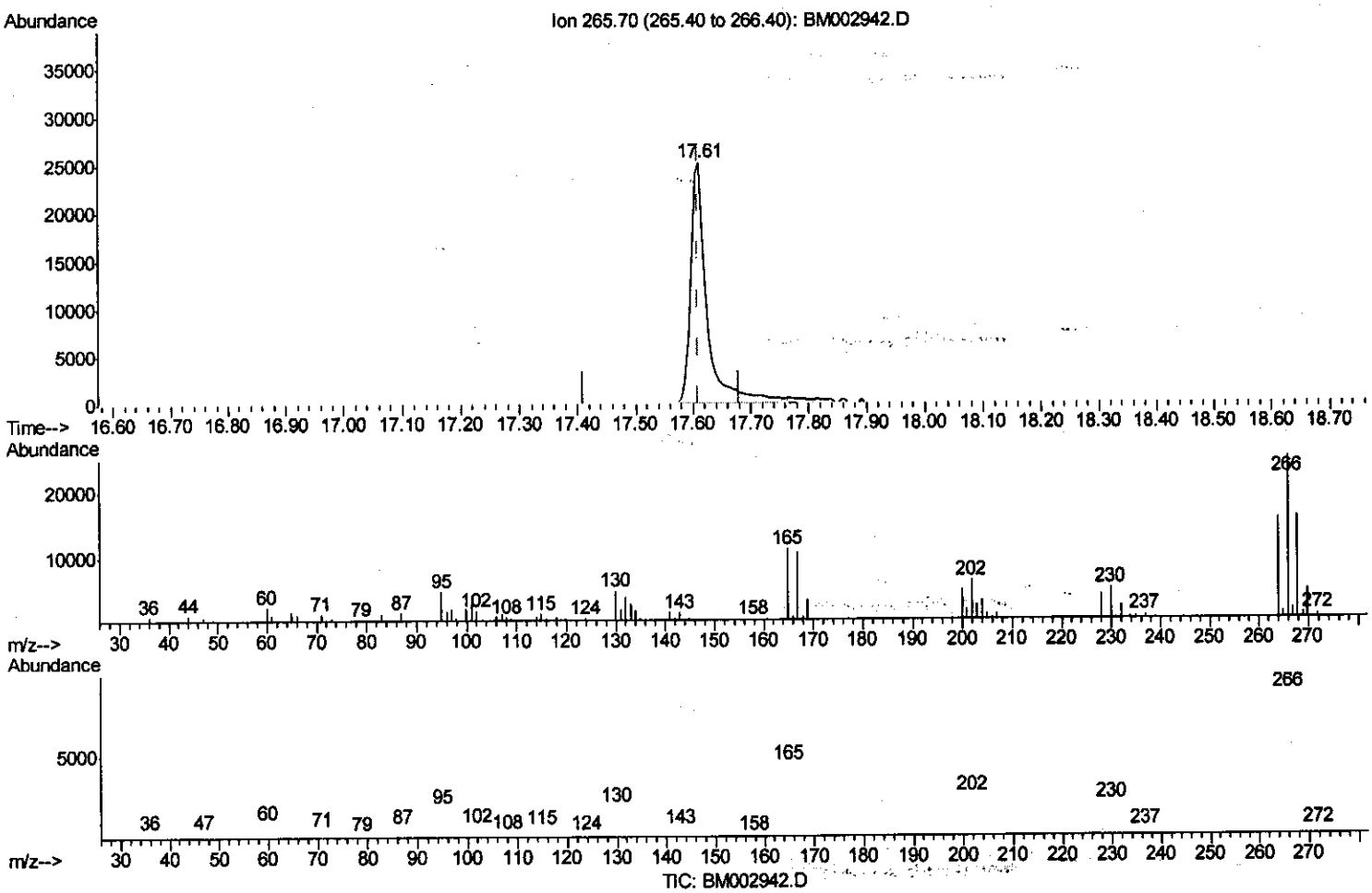

(69) Pentachlorophenol (C)

17.609min (0.000) 23.19ng/ul m U,M 10/23/15

response 50075

Ion	Exp%	Act%
265.70	100	100
264.00	62.00	62.02
268.00	63.20	63.22
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	8.65	152	90200	20.00	ng/ul	0.00
18) Naphthalene-d8	11.50	136	423711	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.24	164	225926	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.95	188	449577	20.00	ng/ul	0.00
78) Chrysene-d12	22.03	240	354770	20.00	ng/ul	0.00
86) Perylene-d12	24.60	264	277565	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.73	96	28029	12.40	ng/uL	0.00
5) Phenol-d5	7.77	99	278333	33.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.94	67	151730	32.91	ng/ul	0.00
9) 2-Chlorophenol-d4	8.16	132	252092	32.96	ng/ul	0.00
13) 4-Methylphenol-d8	9.36	113	242296	34.84	ng/ul	0.00
19) Nitrobenzene-d5	9.85	128	122210	31.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.57	143	131830	32.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.12	165	227242	32.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.63	131	327391	36.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.63	166	666115	32.75	ng/ul	0.00
47) Acenaphthylene-d8	14.94	160	854646	31.93	ng/ul	0.00
52) 4-Nitrophenol-d4	15.43	143	96834	28.45	ng/ul	0.00
58) Fluorene-d10	16.22	176	576082	31.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.34	200	85832	32.20	ng/ul	0.00
71) Anthracene-d10	18.05	188	803056	31.80	ng/ul	0.00
79) Pyrene-d10	20.28	212	752430	36.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.43	264	540626	32.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.77	88	29052	11.78	ng/uL	100
4) Benzaldehyde	7.76	77	158185	34.19	ng/ul	100
6) Phenol	7.80	94	287361	33.60	ng/ul	100
8) Bis(2-Chloroethyl)ether	8.04	93	223917	33.34	ng/ul	100
10) 2-Chlorophenol	8.20	128	255991	33.05	ng/ul	100
11) 2-Methylphenol	9.09	108	230955	34.50	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.17	45	308402	33.36	ng/ul	100
14) Acetophenone	9.49	105	358672	34.50	ng/ul	100
15) N-Nitroso-di-n-propylamine	9.46	70	170255	34.69	ng/ul	100
16) 4-Methylphenol	9.42	108	255570	35.09	ng/ul	100
17) Hexachloroethane	9.75	117	91158	31.91	ng/ul	100
20) Nitrobenzene	9.89	77	238467	31.71	ng/ul	100
21) Isophorone	10.40	82	472773	32.61	ng/ul	100
23) 2-Nitrophenol	10.60	139	145575	32.75	ng/ul	100
24) 2,4-Dimethylphenol	10.63	107	266170	32.61	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.87	93	309906	32.59	ng/ul	100
27) 2,4-Dichlorophenol	11.14	162	233310	32.65	ng/ul	100
28) Naphthalene	11.55	128	818955	32.01	ng/ul	100
30) 4-Chloroaniline	11.66	127	321122	35.22	ng/ul	100
31) Hexachlorobutadiene	11.80	225	127869	31.12	ng/ul	100
32) Caprolactam	12.42	113	77928	33.75	ng/ul	100
33) 4-Chloro-3-methylphenol	12.73	107	245509	33.75	ng/ul	100
34) 2-Methylnaphthalene	13.11	142	591619	32.83	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	13.33	142	578990	32.99 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.47	216	261953	31.56 ng/ul	100
38) Hexachlorocyclopentadiene	13.43	237	45774	20.60 ng/ul	100
39) 2,4,6-Trichlorophenol	13.70	196	159165	30.94 ng/ul	100
40) 2,4,5-Trichlorophenol	13.78	196	171383	30.99 ng/ul	100
41) 1,1'-Biphenyl	14.09	154	729301	31.96 ng/ul	100
42) 2-Chloronaphthalene	14.14	162	553390	31.80 ng/ul	100
43) 2-Nitroaniline	14.34	65	136980	32.62 ng/ul	100
45) Dimethylphthalate	14.67	163	671039	32.57 ng/ul	100
46) 2,6-Dinitrotoluene	14.82	165	144427	33.79 ng/ul	100
48) Acenaphthylene	14.97	152	908317	32.06 ng/ul	100
49) 3-Nitroaniline	15.15	138	157182	34.88 ng/ul	100
50) Acenaphthene	15.30	153	602597	32.15 ng/ul	100
51) 2,4-Dinitrophenol	15.38	184	34940	24.96 ng/ul	100
53) 4-Nitrophenol	15.44	109	53996	28.19 ng/ul	100
54) Dibenzofuran	15.63	168	812599	32.05 ng/ul	100
55) 2,4-Dinitrotoluene	15.60	165	203844	33.73 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.85	232	124103	30.59 ng/ul	100
57) Diethylphthalate	16.00	149	679784	32.75 ng/ul	100
59) Fluorene	16.27	166	675288	32.32 ng/ul	100
60) 4-Chlorophenyl-phenylether	16.24	204	308731	32.13 ng/ul	100
61) 4-Nitroaniline	16.30	138	156431	32.76 ng/ul	100
64) 4,6-Dinitro-2-methylphenol	16.36	198	90276	32.06 ng/ul	100
65) N-Nitrosodiphenylamine	16.46	169	568485	32.44 ng/ul	100
66) 4-Bromophenyl-phenylether	17.13	248	177288	32.16 ng/ul	100
67) Hexachlorobenzene	17.26	284	189977	30.77 ng/ul	100
68) Atrazine	17.37	200	197578	33.25 ng/ul	100
69) Pentachlorophenol	17.61	266	50075m	23.19 ng/ul	
70) Phenanthrene	18.00	178	984287	32.00 ng/ul	100
72) Anthracene	18.09	178	1003140	32.07 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	14.06	216	252377	31.65 ng/uL	100
74) Pentachlorobenzene	15.55	250	236087	31.75 ng/uL	100
75) Carbazole	18.34	167	886478	32.44 ng/ul	100
76) Di-n-butylphthalate	18.83	149	1119008	32.03 ng/ul	100
77) Fluoranthene	19.96	202	996821	31.77 ng/ul	100
80) Pyrene	20.31	202	1017257	35.94 ng/ul	100
81) Butylbenzylphthalate	21.12	149	419053	33.91 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.93	252	250722	32.56 ng/ul	100
83) Benzo(a)anthracene	22.02	228	790288	31.79 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.86	149	562783	31.45 ng/ul	100
85) Chrysene	22.07	228	745397	31.81 ng/ul	100
87) Di-n-octyl phthalate	22.81	149	838969	34.63 ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	645956	32.66 ng/ul	100
89) Benzo(k)fluoranthene	23.86	252	643988	33.57 ng/ul	100
91) Benzo(a)pyrene	24.48	252	613461	32.26 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	27.29	276	654467	30.33 ng/ul	100
93) Dibenzo(a,h)anthracene	27.28	278	547691	30.15 ng/ul	100
94) Benzo(g,h,i)perylene	28.13	276	553733	30.43 ng/ul	100

UM 10/23/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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