Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006494.D
Acq On : 22 Jun 2019 18:06
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 24 04:57:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 22:42:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
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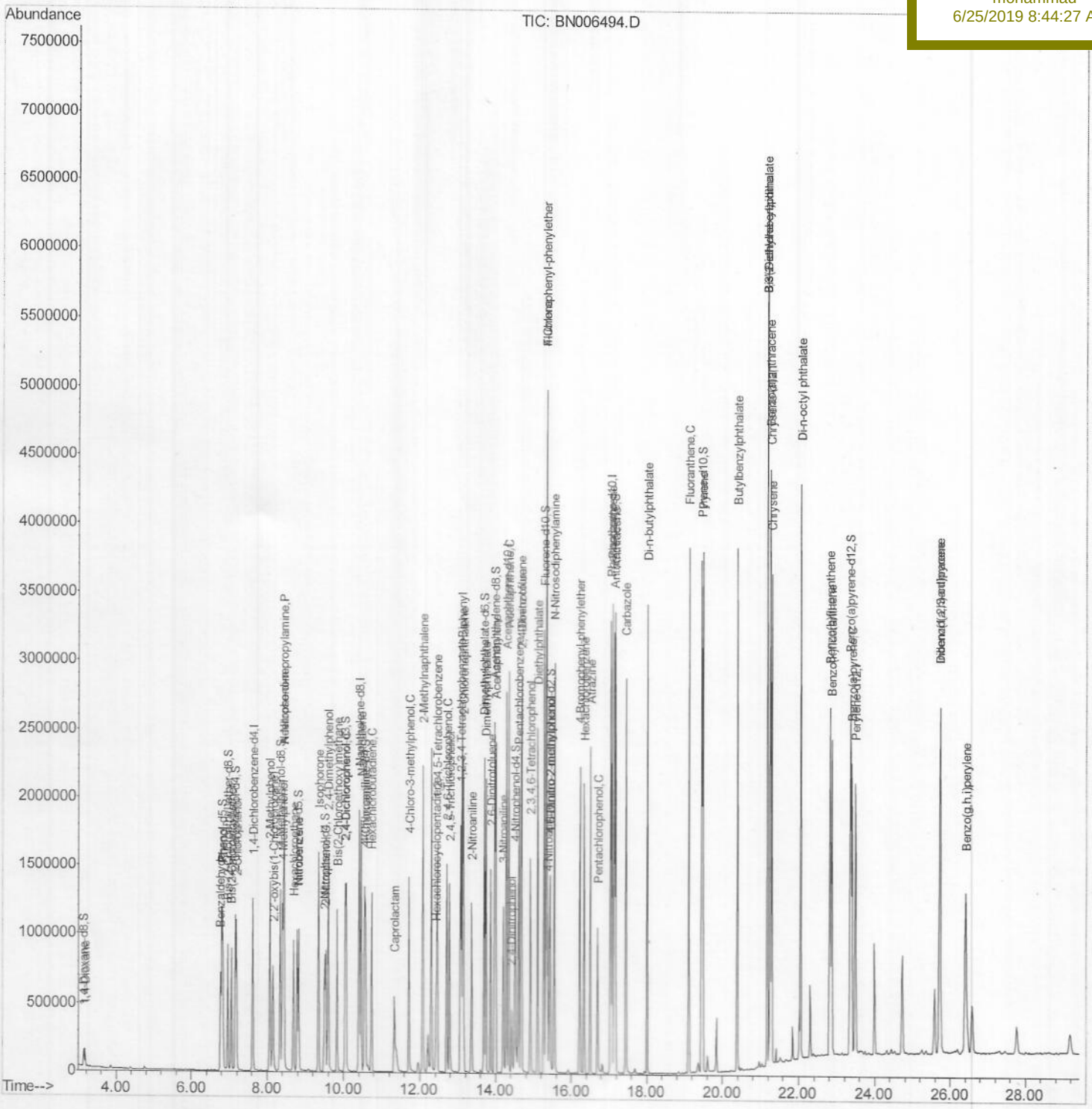

Quantitation Report (Qedit)

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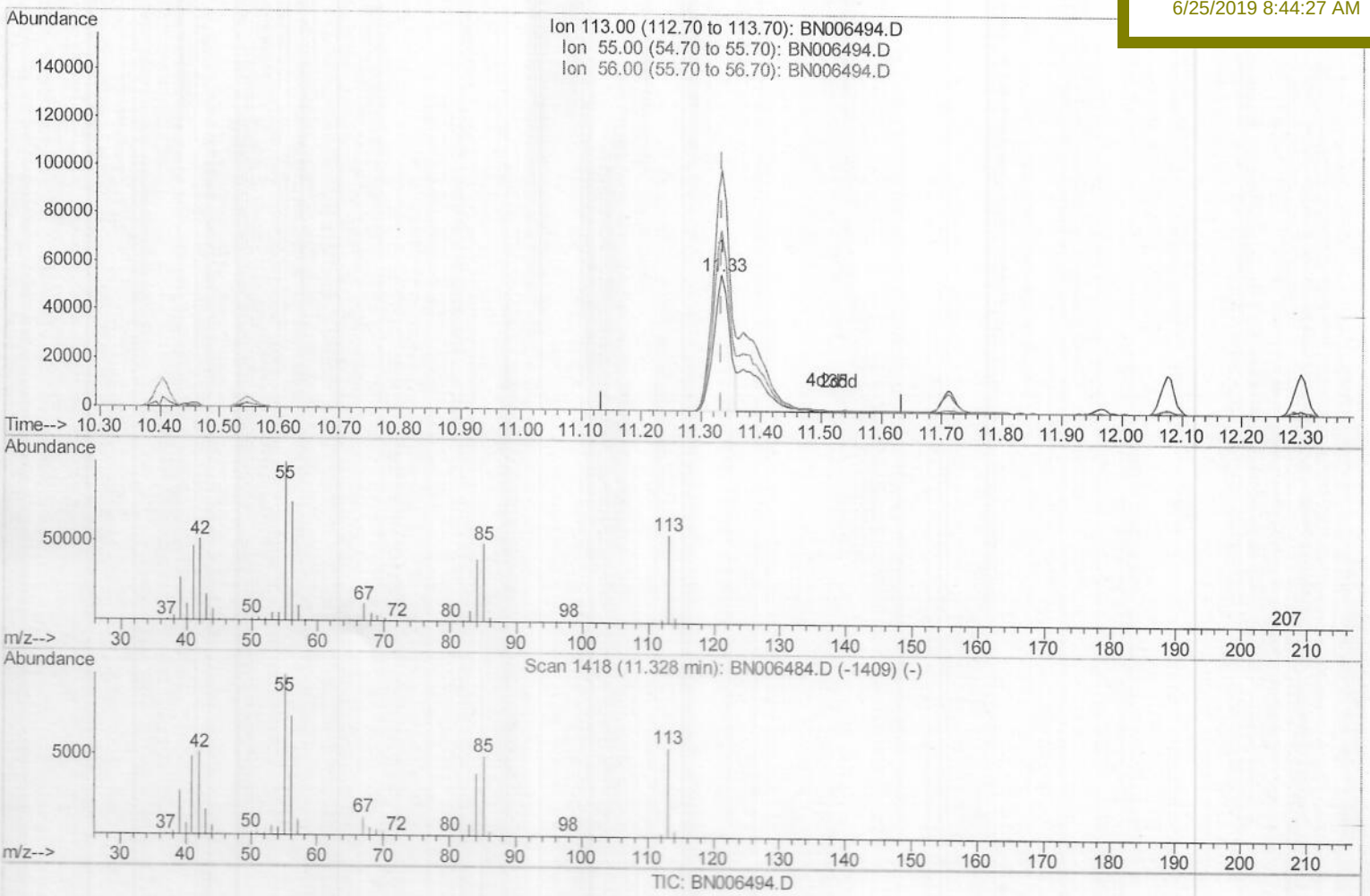

Scan 1418 (11.328 min): BN006484.D (-1409) (-)

TIC: BN006494.D

(32) Caprolactam

11.334min (+0.000) 11.82ng/ul

response 102576

Ion	Exp%	Act%
113.00	100	100
55.00	171.60	179.21
56.00	128.30	133.74
0.00	0.00	0.00

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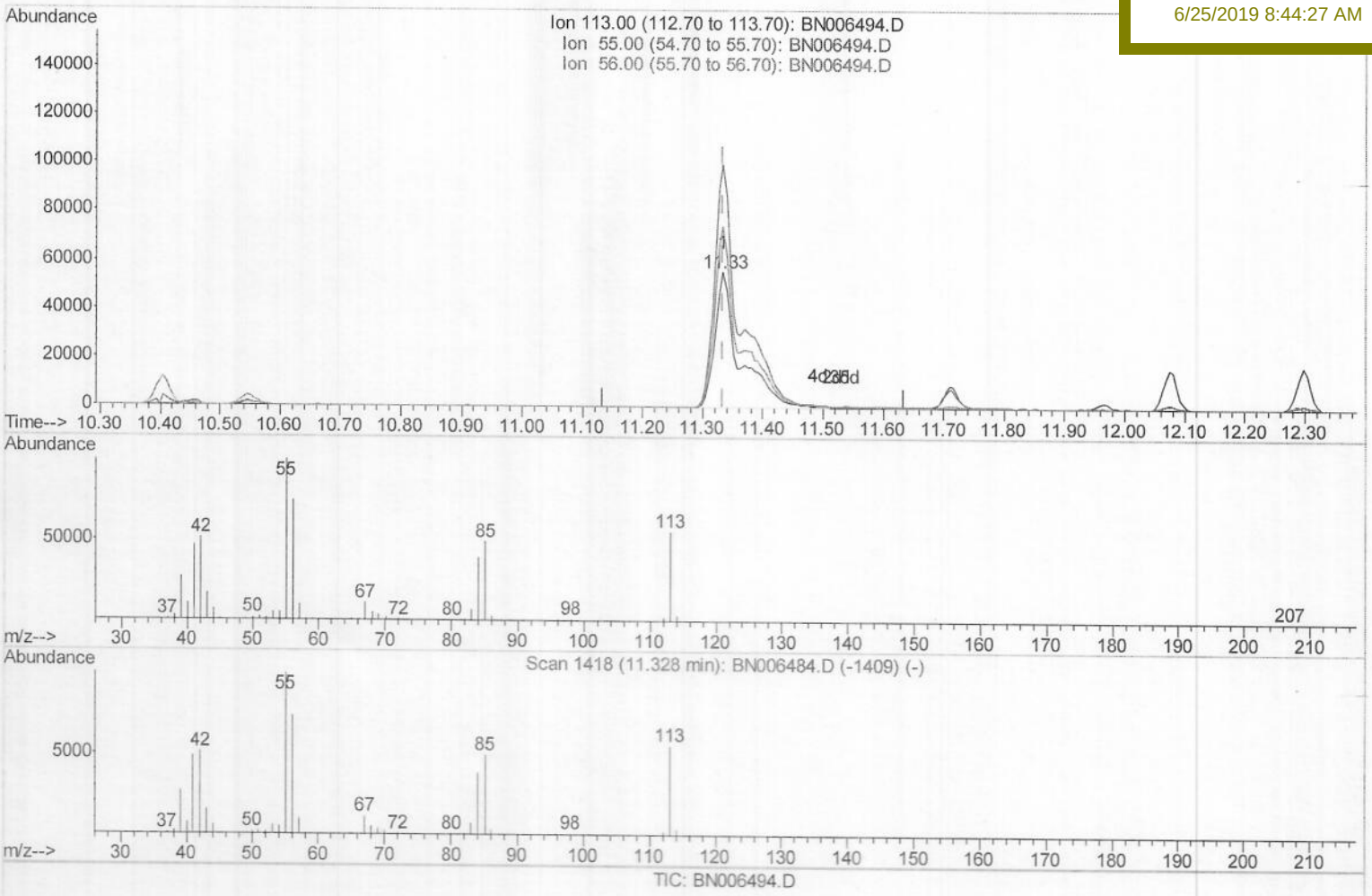

TIC: BN006494.D

(32) Caprolactam

11.334min (+0.000) 18.21ng/ul m JU 06/26/19

response 158078

Ion	Exp%	Act%
113.00	100	100
55.00	171.60	179.21
56.00	128.30	133.74
0.00	0.00	0.00

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6/25/2019 8:44:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	322059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1475353	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	864467	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1846982	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1390012	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1299141	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	60678	7.36	ng/uL	0.00
5) Phenol-d5	6.80	99	623193	18.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	401180	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	475044	18.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	482580	17.74	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	234276	19.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	262764	20.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	475614	19.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	602796	21.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1409272	18.60	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1786132	19.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	233689	18.05	ng/ul	0.00
57) Fluorene-d10	15.28	176	1206252	18.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	196433	16.80	ng/ul	0.00
70) Anthracene-d10	17.13	188	1786459	19.21	ng/ul	0.00
78) Pyrene-d10	19.45	212	1789051	22.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1409737	19.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	62694	7.506	ng/uL	98
4) Benzaldehyde	6.77	77	254027	18.339	ng/ul	99
6) Phenol	6.83	94	607543	18.376	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.05	93	465010	18.471	ng/ul	96
10) 2-Chlorophenol	7.19	128	448252	18.501	ng/ul	98
11) 2-Methylphenol	8.07	108	453473	18.110	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	749064	18.812	ng/ul	98
14) Acetophenone	8.44	105	712520	18.255	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.43	70	391789	17.871	ng/ul	99
16) 4-Methylphenol	8.40	108	490108	17.868	ng/ul	99
17) Hexachloroethane	8.69	117	179927	18.314	ng/ul	98
20) Nitrobenzene	8.82	77	544368	19.095	ng/ul	98
21) Isophorone	9.34	82	1098060	18.636	ng/ul	99
23) 2-Nitrophenol	9.53	139	258475	19.957	ng/ul	100
24) 2,4-Dimethylphenol	9.59	107	537064	18.997	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	665240	18.609	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	432699	19.144	ng/ul	98
28) Naphthalene	10.45	128	1450354	18.673	ng/ul	99
30) 4-Chloroaniline	10.58	127	564862	21.049	ng/ul	100
31) Hexachlorobutadiene	10.73	225	250808	19.100	ng/ul	99
32) Caprolactam	11.33	113	158078m	18.214	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	509573	18.742	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	1045811	18.608	ng/ul	98

JU 06/26/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	507572	19.796	ng/ul	99
37) Hexachlorocyclopentadiene	12.43	237	170142	15.274	ng/ul	98
38) 2,4,6-Trichlorophenol	12.70	196	329248	19.759	ng/ul	100
39) 2,4,5-Trichlorophenol	12.78	196	346284	20.204	ng/ul	98
40) 1,1'-Biphenyl	13.10	154	1323542	19.350	ng/ul	100
41) 2-Chloronaphthalene	13.15	162	1028611	19.393	ng/ul	100
42) 2-Nitroaniline	13.36	65	341609	20.602	ng/ul	99
44) Dimethylphthalate	13.74	163	1284854	18.395	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	268755	19.744	ng/ul	100
47) Acenaphthylene	14.00	152	1556743	18.918	ng/ul	100
48) 3-Nitroaniline	14.20	138	275952	20.499	ng/ul	99
49) Acenaphthene	14.35	153	1107895	18.892	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	100076	15.225	ng/ul	98
52) 4-Nitrophenol	14.52	109	163455	18.049	ng/ul	99
53) Dibenzofuran	14.68	168	1532988	18.864	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	381590	19.469	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.92	232	287912	18.657	ng/ul	96
56) Diethylphthalate	15.11	149	1312446	18.598	ng/ul	99
58) Fluorene	15.33	166	1232190	18.758	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.33	204	606671	18.850	ng/ul	98
60) 4-Nitroaniline	15.37	138	276644	19.145	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.44	198	190937	16.696	ng/ul	98
64) N-Nitrosodiphenylamine	15.55	169	1088584	19.568	ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	374442	19.687	ng/ul	98
66) Hexachlorobenzene	16.35	284	407174	19.198	ng/ul	99
67) Atrazine	16.51	200	383693	20.014	ng/ul	99
68) Pentachlorophenol	16.70	266	186189	18.012	ng/ul	96
69) Phenanthrene	17.08	178	1915651	18.804	ng/ul	99
71) Anthracene	17.17	178	1979343	19.140	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	504687	20.304	ng/uL	98
73) Pentachlorobenzene	14.60	250	492697	19.879	ng/uL	100
74) Carbazole	17.45	167	1748444	19.591	ng/ul	100
75) Di-n-butylphthalate	18.01	149	2301995	20.205	ng/ul	100
76) Fluoranthene	19.11	202	2118394	19.295	ng/ul	99
79) Pyrene	19.47	202	2103531	22.227	ng/ul	99
80) Butylbenzylphthalate	20.39	149	1015621	23.934	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.17	252	530160	18.039	ng/ul	99
82) Benzo(a)anthracene	21.25	228	1821958	19.177	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	1470870	24.172	ng/ul	99
84) Chrysene	21.30	228	1698701	18.786	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	2405106	28.812	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	1588765	20.377	ng/ul	100
88) Benzo(k)fluoranthene	22.86	252	1466300	19.677	ng/ul	99
90) Benzo(a)pyrene	23.39	252	1437496	19.227	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.73	276	1586278	17.928	ng/ul	100
92) Dibenzo(a,h)anthracene	25.73	278	1320305	18.020	ng/ul	99
93) Benzo(g,h,i)perylene	26.41	276	1313241	17.623	ng/ul	99

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