

(QT Reviewed)

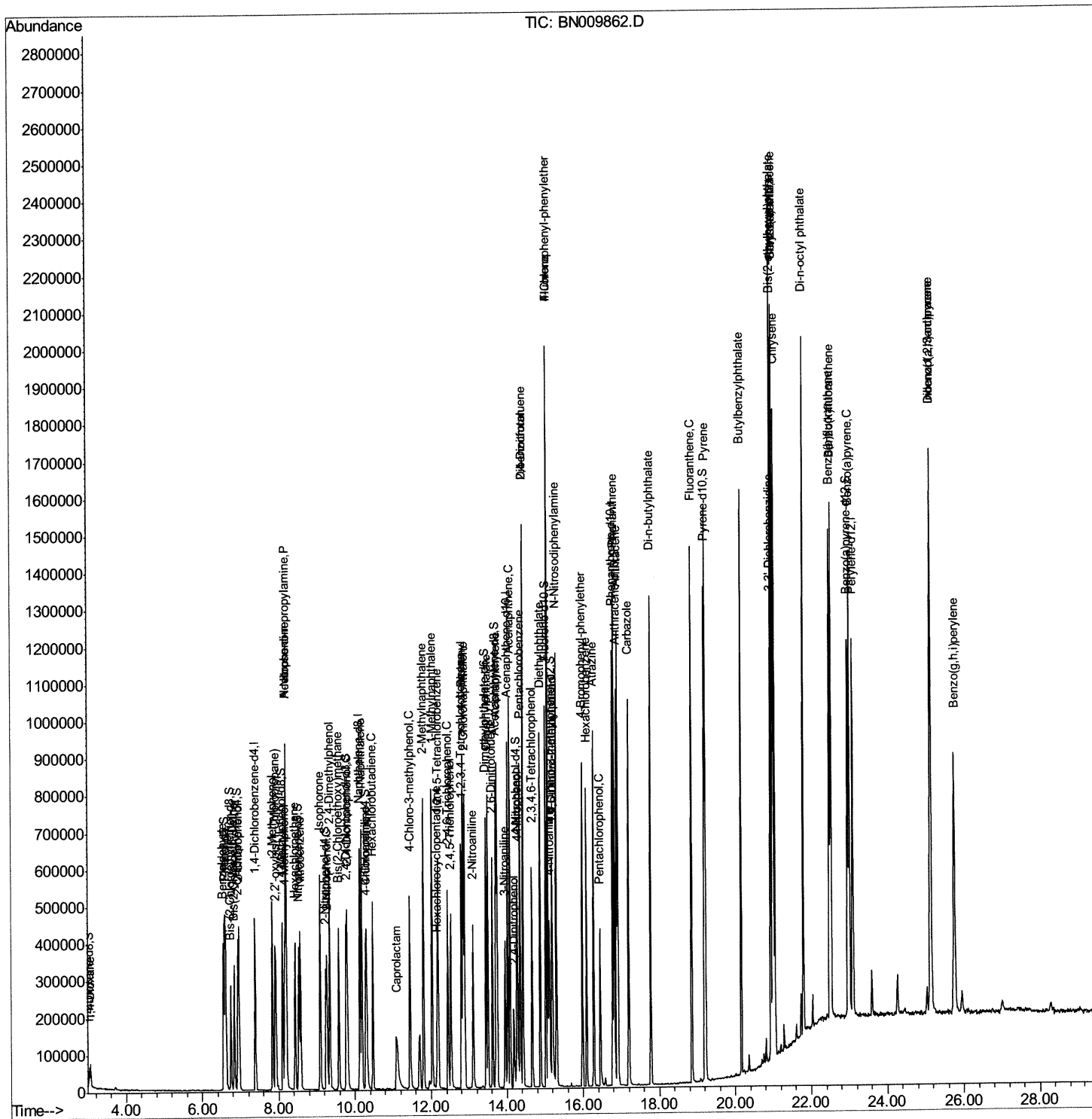
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Data Path   : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022420\  
Data File  : BN009862.D  
Acq On     : 24 Feb 2020   10:51  
Operator   : CG/JU  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_N
LabSampleId :
SSTD02057

Manual Integrations

mohammad
2/25/2020 3:39:38 PM

Quant Time: Feb 24 14:17:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 14:00:16 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

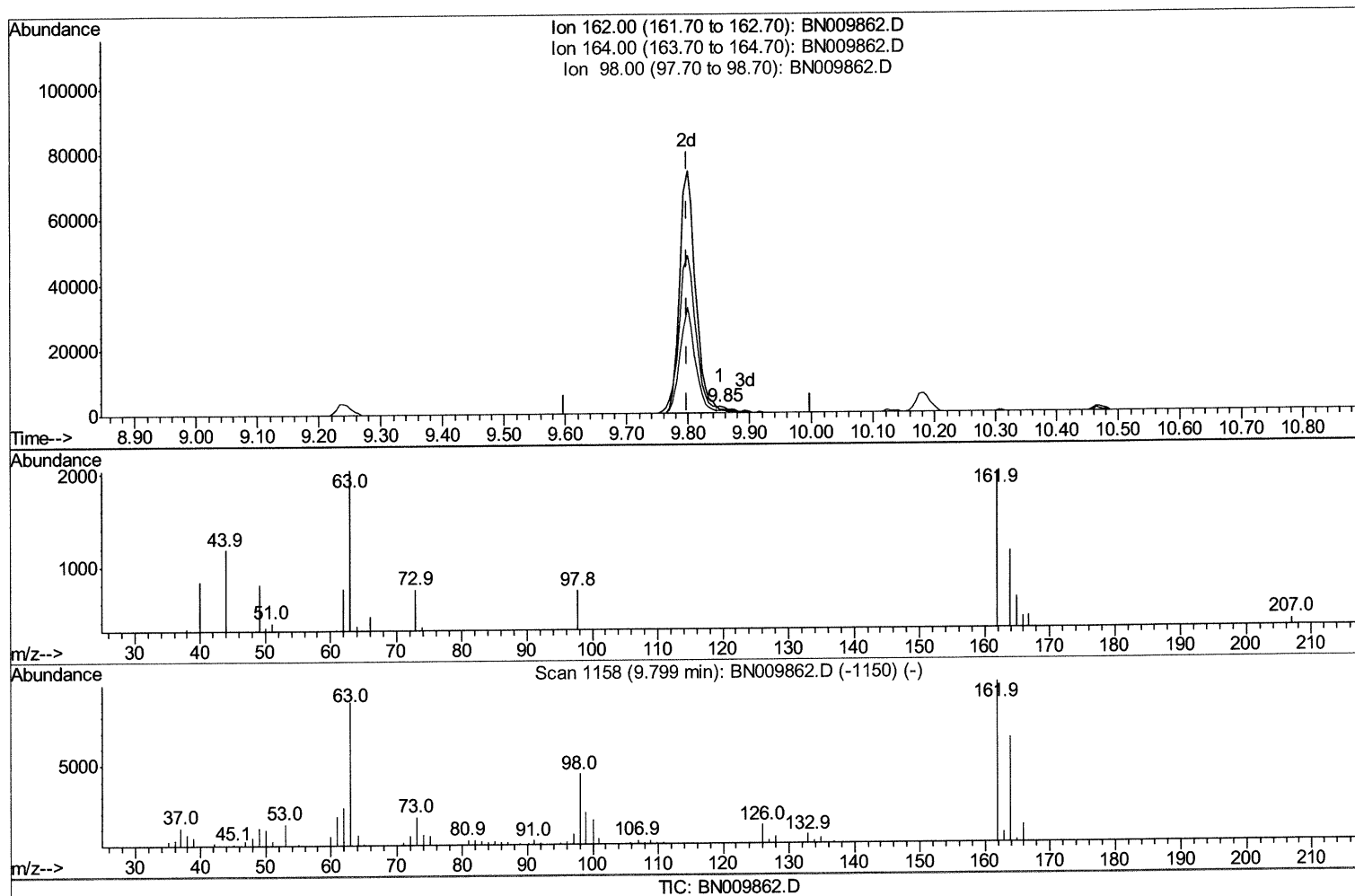
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(27) 2,4-Dichlorophenol (C)

9.852min (+0.053) 0.39ng/ul

response 2660

Ion	Exp%	Act%
162.00	100	100
164.00	63.10	57.08
98.00	35.90	36.75
0.00	0.00	0.00

Quantitation Report (Qedit)

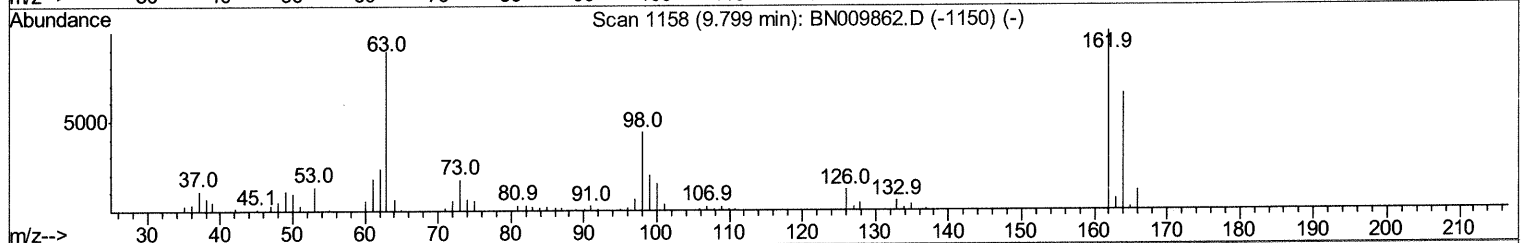
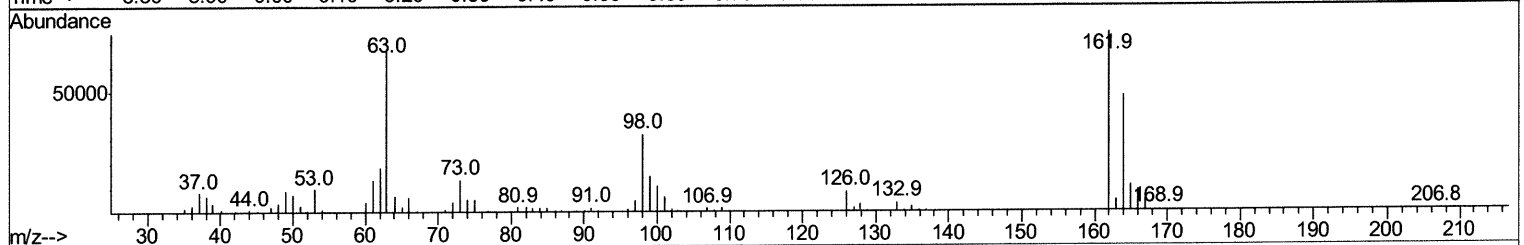
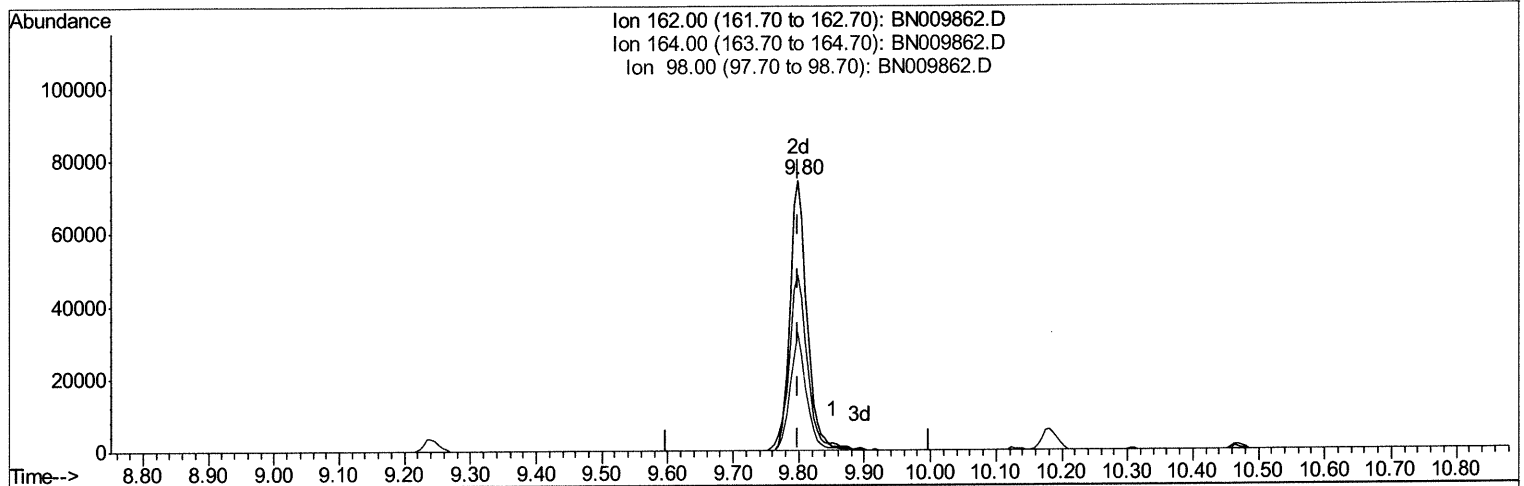
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TIC: BN009862.D

(27) 2,4-Dichlorophenol (C)

9.799min (0.000) 19.83ng/ul m **JU 02/28/20**

response 134967

Ion	Exp%	Act%
162.00	100	100
164.00	63.10	64.82
98.00	35.90	43.59#
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	7.39	152	105755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	438479	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	283448	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	624231	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	584450	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	629314	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	20858	8.11	ng/uL	0.00
5) Phenol-d5	6.59	99	168839	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	123898	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	134630	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	137205	19.17	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	65434	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	69769	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	136573	20.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	154481	20.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	406077	19.18	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	496707	19.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	68368	17.68	ng/ul	0.00
58) Fluorene-d10	15.03	176	364995	19.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	66450	17.14	ng/ul	0.00
71) Anthracene-d10	16.89	188	563646	19.70	ng/ul	0.00
79) Pyrene-d10	19.19	212	624602	20.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	624098	19.86	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.06	88	23979	8.118	ng/uL	93
4) Benzaldehyde	6.55	77	126878	21.210	ng/ul	89
6) Phenol	6.62	94	179813	18.654	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.83	93	145547	19.211	ng/ul	93
10) 2-Chlorophenol	6.96	128	141866	19.888	ng/ul	98
11) 2-Methylphenol	7.84	108	136985	19.420	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.91	45	417202	22.463	ng/ul	98
14) Acetophenone	8.20	105	226860	19.457	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.19	70	124341	20.409	ng/ul	90
16) 4-Methylphenol	8.16	108	147224	19.021	ng/ul	91
17) Hexachloroethane	8.43	117	65942	20.319	ng/ul	97
20) Nitrobenzene	8.57	77	196450	20.783	ng/ul	99
21) Isophorone	9.09	82	332941	20.013	ng/ul	99
23) 2-Nitrophenol	9.27	139	77356	19.700	ng/ul	97
24) 2,4-Dimethylphenol	9.35	107	173230	20.318	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.58	93	203888	20.053	ng/ul	97
27) 2,4-Dichlorophenol	9.80	162	134967m>	19.829	ng/ul>	97
28) Naphthalene	10.18	128	473968	20.045	ng/ul	99
30) 4-Chloroaniline	10.31	127	157365	20.273	ng/ul	96
31) Hexachlorobutadiene	10.47	225	88226	19.382	ng/ul	91
32) Caprolactam	11.09	113	38609	16.914	ng/ul	81
33) 4-Chloro-3-methylphenol	11.45	107	158975	20.426	ng/ul	98
34) 2-Methylnaphthalene	11.80	142	327309	19.935	ng/ul	96

JU 02/24/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	325069	19.752	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	164149	19.538	ng/ul	95
38) Hexachlorocyclopentadiene	12.16	237	58690	16.146	ng/ul	97
39) 2,4,6-Trichlorophenol	12.44	196	104181	19.538	ng/ul	95
40) 2,4,5-Trichlorophenol	12.52	196	113129	19.776	ng/ul	99
41) 1,1'-Biphenyl	12.85	154	433921	19.932	ng/ul	95
42) 2-Chloronaphthalene	12.89	162	342492	19.809	ng/ul	98
43) 2-Nitroaniline	13.11	65	132273	20.920	ng/ul	98
45) Dimethylphthalate	13.50	163	439301	19.885	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	86904	20.094	ng/ul	95
48) Acenaphthylene	13.74	152	550003	20.379	ng/ul	99
49) 3-Nitroaniline	13.96	138	76735	19.218	ng/ul	99
50) Acenaphthene	14.09	153	365189	19.738	ng/ul	96
51) 2,4-Dinitrophenol	14.19	184	38219	15.393	ng/ul	99
53) 4-Nitrophenol	14.29	109	68562	19.651	ng/ul	84
54) Dibenzofuran	14.43	168	523254	20.150	ng/ul	97
55) 2,4-Dinitrotoluene	14.43	165	130484	20.357	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	14.67	232	97154	19.753	ng/ul	97
57) Diethylphthalate	14.89	149	455651	20.086	ng/ul	98
59) Fluorene	15.09	166	436385	20.024	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.09	204	208674	19.414	ng/ul	99
61) 4-Nitroaniline	15.13	138	86757	17.818	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.20	198	74234	17.771	ng/ul	98
65) N-Nitrosodiphenylamine	15.31	169	369032	19.925	ng/ul	99
66) 4-Bromophenyl-phenylether	15.99	248	122276	19.576	ng/ul	97
67) Hexachlorobenzene	16.10	284	135476	19.601	ng/ul	92
68) Atrazine	16.28	200	134924	19.204	ng/ul	95
69) Pentachlorophenol	16.45	266	66983	16.770	ng/ul	88
70) Phenanthrene	16.83	178	706535	19.833	ng/ul	99
72) Anthracene	16.92	178	725938	19.933	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	170938	18.744	ng/uL	98
74) Pentachlorobenzene	14.36	250	170996	19.443	ng/uL	98
75) Carbazole	17.20	167	616859	19.234	ng/ul	99
76) Di-n-butylphthalate	17.78	149	787214	19.887	ng/ul	99
77) Fluoranthene	18.86	202	803801	19.262	ng/ul	99
80) Perylene	19.22	202	845934	20.076	ng/ul	98
81) Butylbenzylphthalate	20.16	149	348414	20.114	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.93	252	237422	18.632	ng/ul#	97
83) Benzo(a)anthracene	20.99	228	801511	19.956	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	543827	20.564	ng/ul	98
85) Chrysene	21.04	228	793031	20.056	ng/ul	99
87) Di-n-octyl phthalate	21.80	149	909207	19.089	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	799710	19.600	ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	770526	19.944	ng/ul	98
91) Benzo(a)pyrene	23.01	252	741833	20.215	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.14	276	863436	19.817	ng/ul	98
93) Dibenzo(a,h)anthracene	25.14	278	727412	19.516	ng/ul	98
94) Benzo(a,h,i)perylene	25.76	276	722297	19.771	ng/ul	98

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

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