Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
Data File : BN014400.D
Acq On : 24 Apr 2021 13:20
Operator : CG/JU
Sample : PB135930BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 26 02:22:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 23 12:06:34 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS930

Manual Integrations APPROVED
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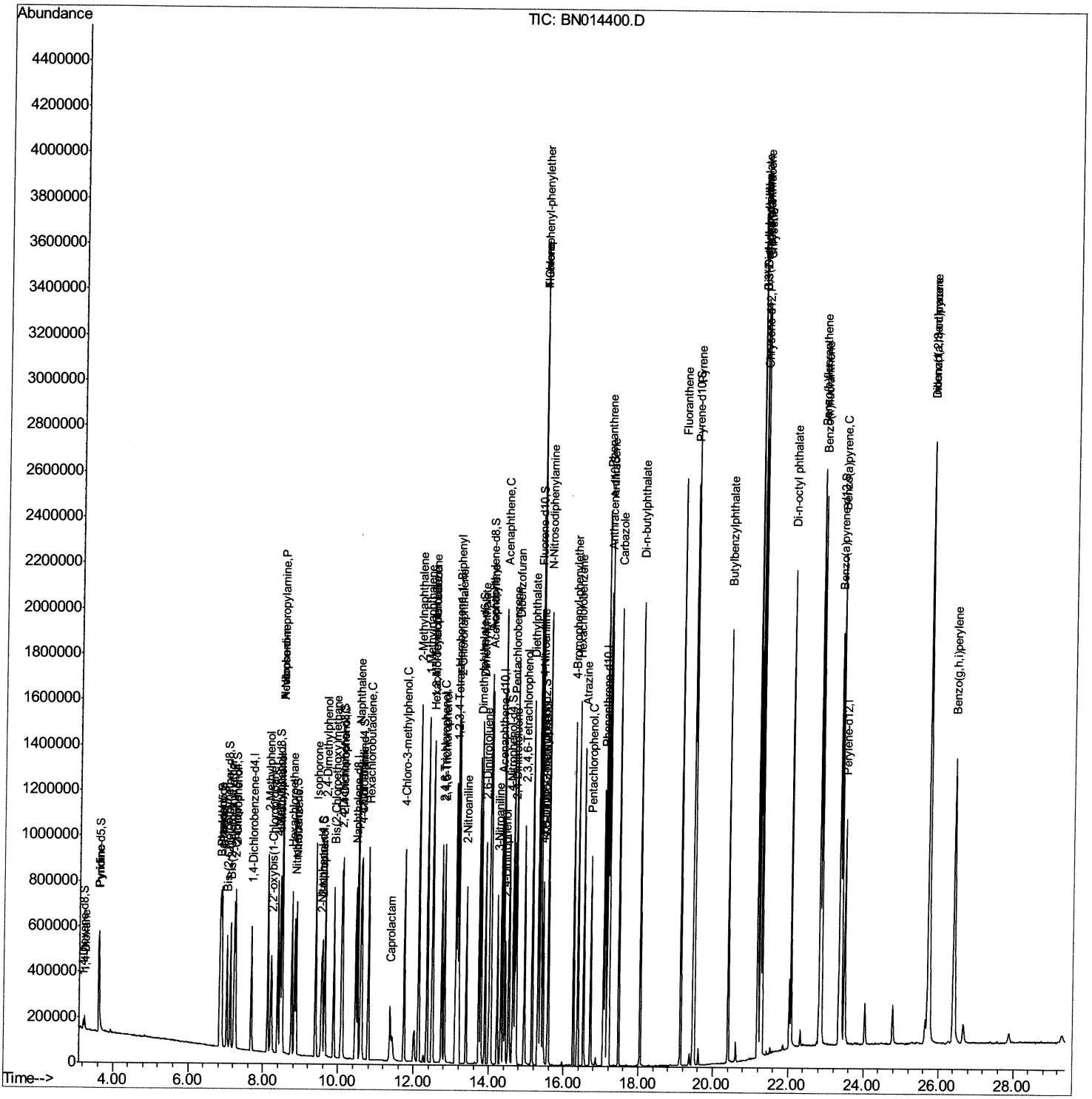

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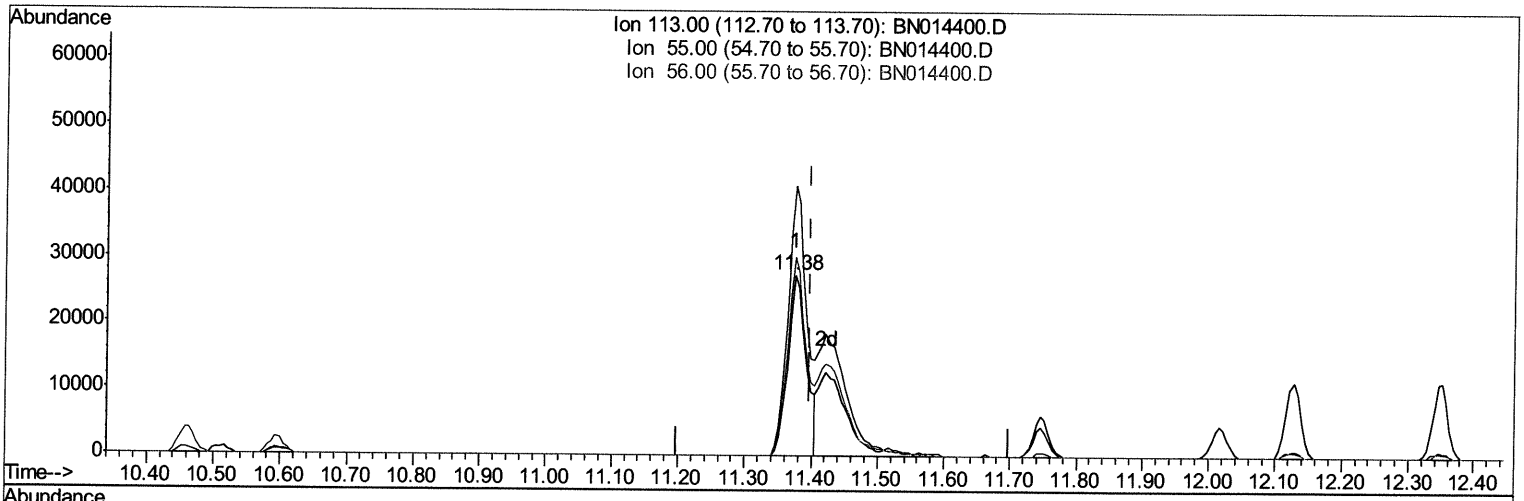

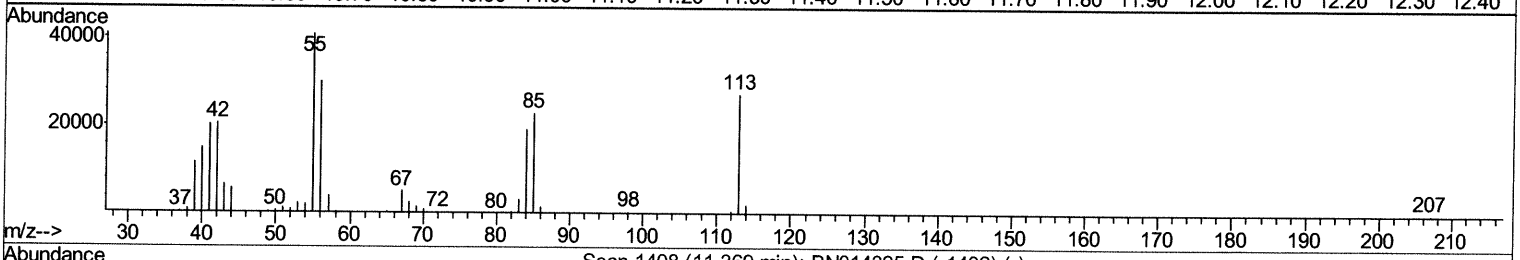

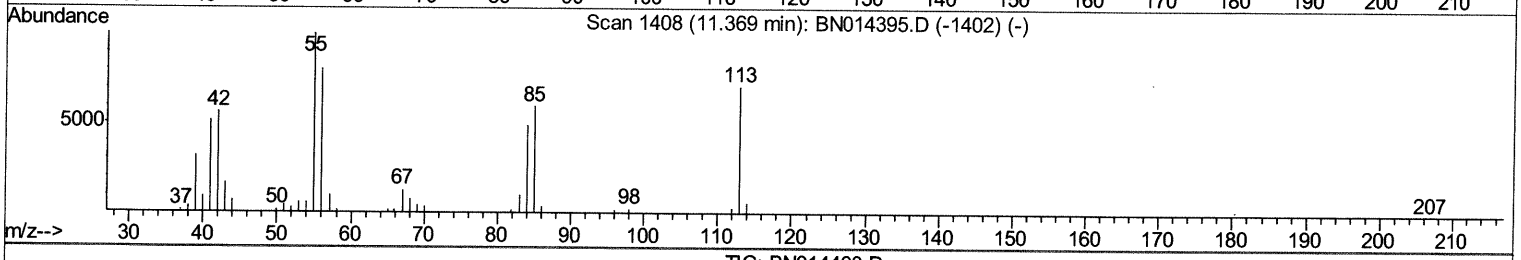

TIC: BN014400.D

(34) Caprolactam

11.375min (-0.023) 19.30ng/ul

response 52538

Ion	Exp%	Act%
113.00	100	100
55.00	144.30	149.12
56.00	109.00	109.60
0.00	0.00	0.00

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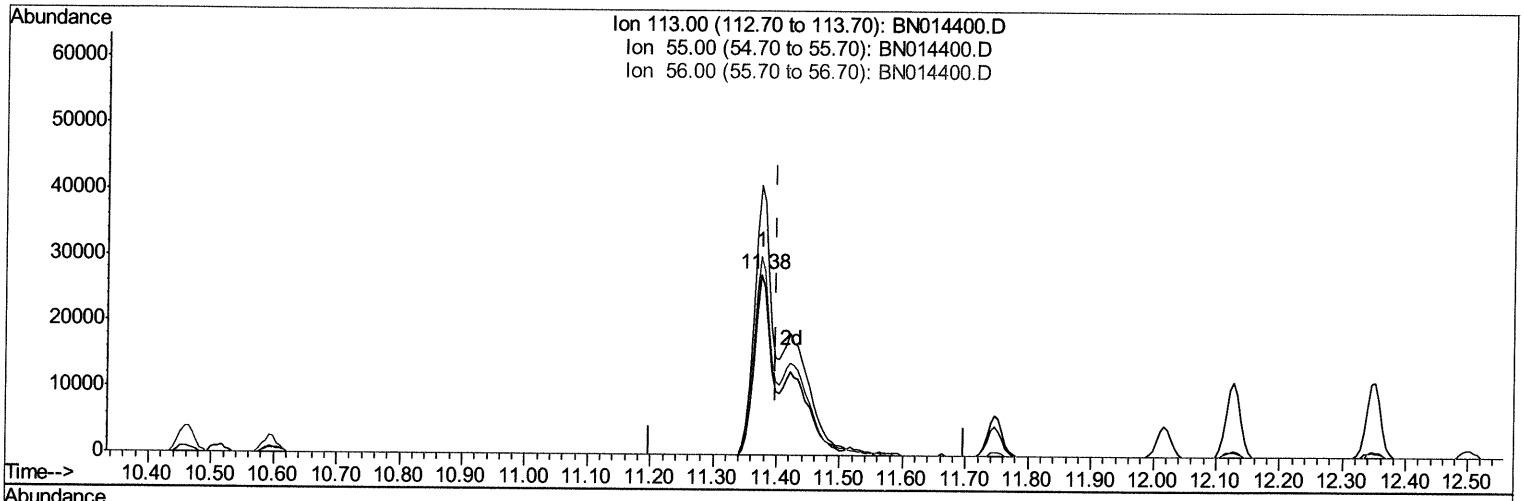

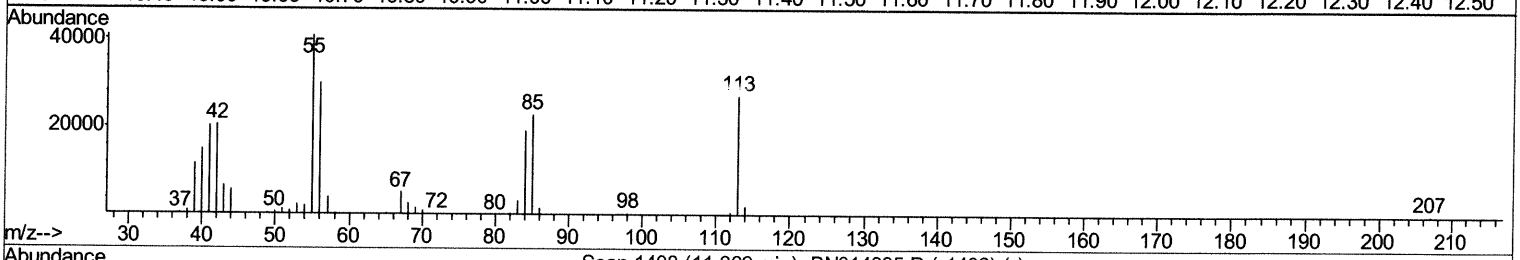

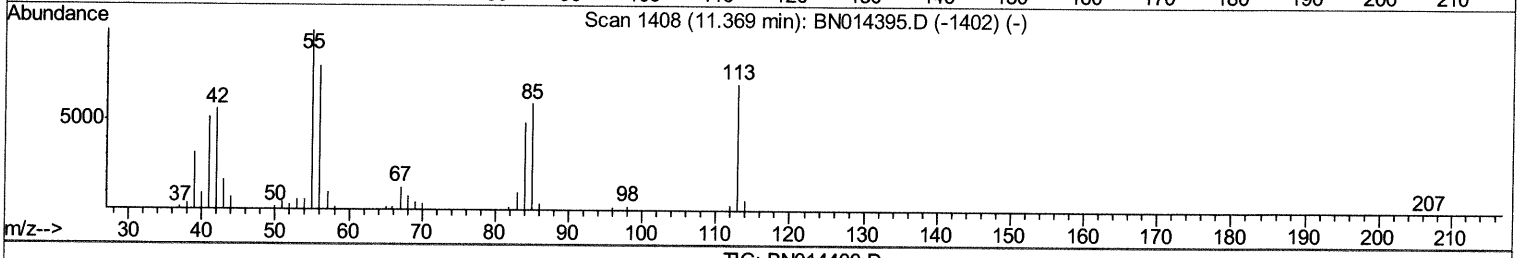

TIC: BN014400.D

(34) Caprolactam

11.375min (-0.023) 33.36ng/ul m 05/07/21 JU

response 90812

Ion	Exp%	Act%
113.00	100	100
55.00	144.30	149.12
56.00	109.00	109.60
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	7.69	152	149824	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	624265	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	345837	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	696077	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	711325	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	661108	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	21540	5.47	ng/uL	0.00
4) Pyridine-d5	3.61	84	213734	20.49	ng/ul	0.00
7) Phenol-d5	6.86	99	351773	28.08	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	215297	28.71	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	292273	29.67	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	281847	29.69	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	151731	33.63	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	137030	31.02	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	294243	30.92	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	379483	26.88	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	879925	35.12	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	1171824	38.88	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	155874	32.08	ng/ul	0.00
60) Fluorene-d10	15.32	176	760233	34.33	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	108911	29.24	ng/ul	0.00
73) Anthracene-d10	17.17	188	1137862	35.02	ng/ul	0.00
81) Pyrene-d10	19.47	212	1263259	36.58	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	1287908	36.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	32456	8.094	ng/uL	97
5) Pyridine	3.63	79	221454	20.662	ng/ul	93
6) Benzaldehyde	6.83	77	205278	32.461	ng/ul	98
8) Phenol	6.88	94	372576	27.672	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.12	93	310137	29.289	ng/ul	97
12) 2-Chlorophenol	7.25	128	309886	29.420	ng/ul	98
13) 2-Methylphenol	8.12	108	287957	29.495	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.22	45	361849	30.914	ng/ul	99
16) Acetophenone	8.50	105	489782	30.691	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.49	70	240503	32.414	ng/ul	99
18) 4-Methylphenol	8.45	108	314106	29.707	ng/ul	97
19) Hexachloroethane	8.76	117	141505	31.959	ng/ul	98
22) Nitrobenzene	8.88	77	374652	31.396	ng/ul	99
23) Isophorone	9.40	82	683637	34.064	ng/ul	98
25) 2-Nitrophenol	9.58	139	160974	30.839	ng/ul	98
26) 2,4-Dimethylphenol	9.65	107	328336	28.255	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.88	93	428964	31.374	ng/ul	100
29) 2,4-Dichlorophenol	10.11	162	296476	30.358	ng/ul	99
30) Naphthalene	10.51	128	1047957	30.288	ng/ul	100
32) 4-Chloroaniline	10.62	127	386210	26.586	ng/ul	99
33) Hexachlorobutadiene	10.80	225	190993	29.954	ng/ul	95
34) Caprolactam	11.38	113	90812m>	33.361	ng/ul>	05/07/21 JU

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.75	107	305824	31.682	ng/ul	99
36) 2-Methylnaphthalene	12.13	142	729569	30.947	ng/ul	99
37) 1-Methylnaphthalene	12.35	142	710322	30.258	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	368864	31.512	ng/ul	96
40) Hexachlorocyclopentadiene	12.49	237	179456	24.688	ng/ul	99
41) 2,4,6-Trichlorophenol	12.75	196	219802	32.489	ng/ul	97
42) 2,4,5-Trichlorophenol	12.82	196	241389	32.151	ng/ul	99
43) 1,1'-Biphenyl	13.15	154	930062	32.699	ng/ul	99
44) 2-Chloronaphthalene	13.19	162	722564	32.498	ng/ul	99
45) 2-Nitroaniline	13.39	65	194265	37.688	ng/ul	100
47) Dimethylphthalate	13.78	163	900477	34.621	ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	176419	38.677	ng/ul	100
50) Acenaphthylene	14.04	152	1101566	34.350	ng/ul	100
51) 3-Nitroaniline	14.22	138	171401	30.497	ng/ul	98
52) Acenaphthene	14.39	153	774723	33.119	ng/ul	98
53) 2,4-Dinitrophenol	14.43	184	105575	39.653	ng/ul	94
55) 4-Nitrophenol	14.53	109	129888	31.196	ng/ul	95
56) Dibenzofuran	14.72	168	1094964	33.636	ng/ul	98
57) 2,4-Dinitrotoluene	14.69	165	257117	39.021	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.95	232	198249	33.563	ng/ul	96
59) Diethylphthalate	15.15	149	888425	33.393	ng/ul	99
61) Fluorene	15.37	166	905075	34.298	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.37	204	442560	34.056	ng/ul	99
63) 4-Nitroaniline	15.39	138	189818	34.697	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.45	198	114995	29.152	ng/ul	96
67) N-Nitrosodiphenylamine	15.58	169	732562	33.824	ng/ul	98
68) 4-Bromophenyl-phenylether	16.26	248	254706	34.588	ng/ul	95
69) Hexachlorobenzene	16.37	284	303804	34.562	ng/ul	96
70) Atrazine	16.54	200	238601	31.000	ng/ul	99
71) Pentachlorophenol	16.72	266	147342	28.829	ng/ul	92
72) Phenanthrene	17.11	178	1389995	34.202	ng/ul	99
74) Anthracene	17.20	178	1390595	33.687	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.12	216	371490	32.409	ng/uL	93
76) Pentachlorobenzene	14.65	250	358794	31.493	ng/uL	96
77) Carbazole	17.47	167	1208984	32.376	ng/ul	99
78) Di-n-butylphthalate	18.05	149	1422210	35.199	ng/ul	99
80) Fluoranthene	19.13	202	1519086	34.815	ng/ul	99
82) Pyrene	19.50	202	1594038	34.309	ng/ul	99
83) Butylbenzylphthalate	20.40	149	533451	34.969	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.19	252	333967	26.251	ng/ul	97
85) Benzo(a)anthracene	21.25	228	1557199	33.880	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	902326	36.291	ng/ul#	99
87) Chrysene	21.30	228	1523221	34.191	ng/ul	95
89) Di-n-octyl phthalate	22.07	149	1442232	34.941	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	1548605	35.014	ng/ul	97
91) Benzo(k)fluoranthene	22.87	252	1554235	35.300	ng/ul	99
93) Benzo(a)pyrene	23.39	252	1382904	35.341	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.73	276	1852240	35.713	ng/ul	98
95) Dibenzo(a,h)anthracene	25.74	278	1581783	36.944	ng/ul	98
96) Benzo(g,h,i)perylene	26.42	276	1509332	36.011	ng/ul	97

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

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