Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042421\
Data File : BN014432.D
Acq On : 25 Apr 2021 09:29
Operator : CG/JU
Sample : PB135971BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Apr 26 04:50:38 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 :
SLCS971

Manual Integrations APPROVED
mohammad
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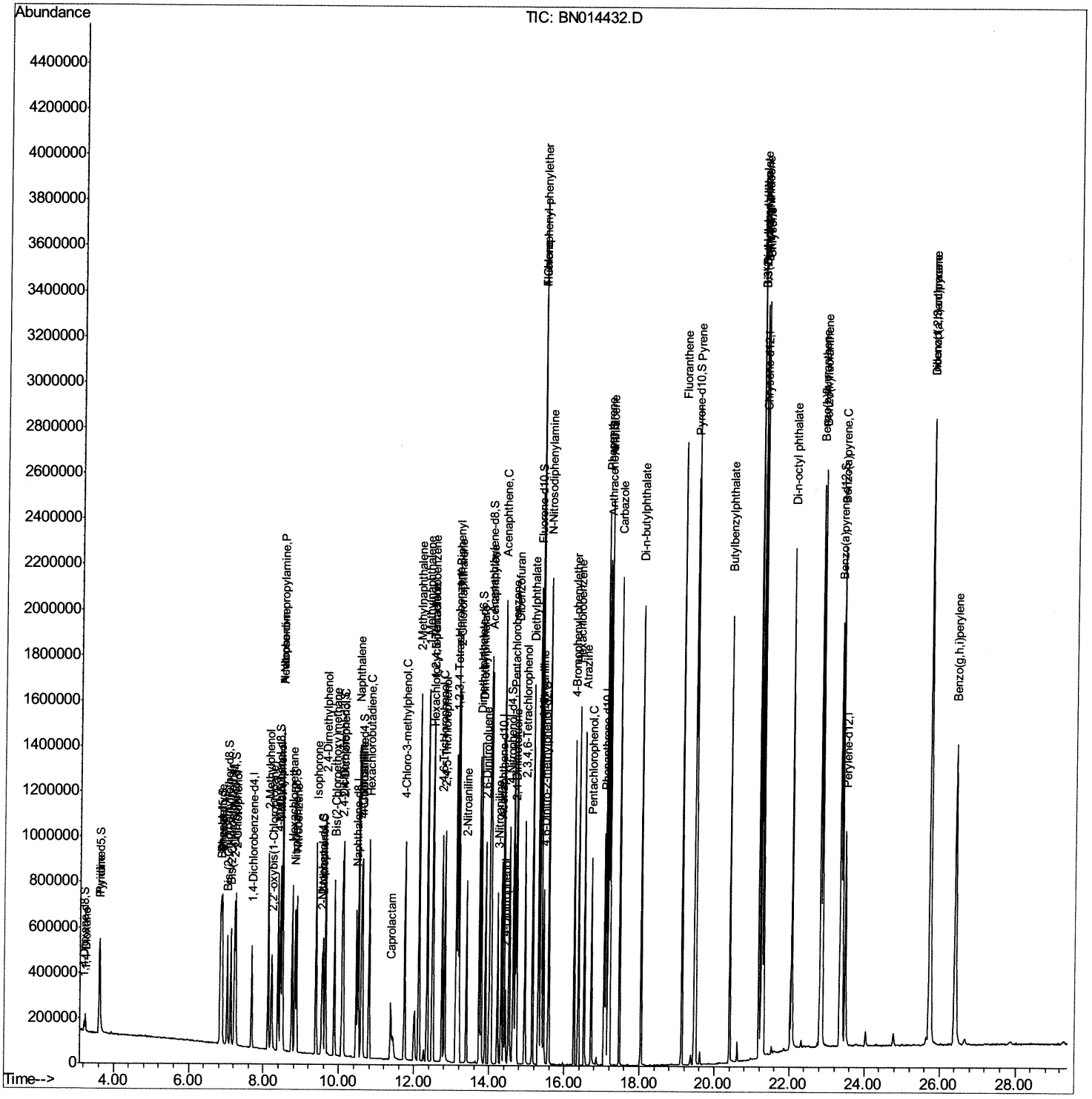

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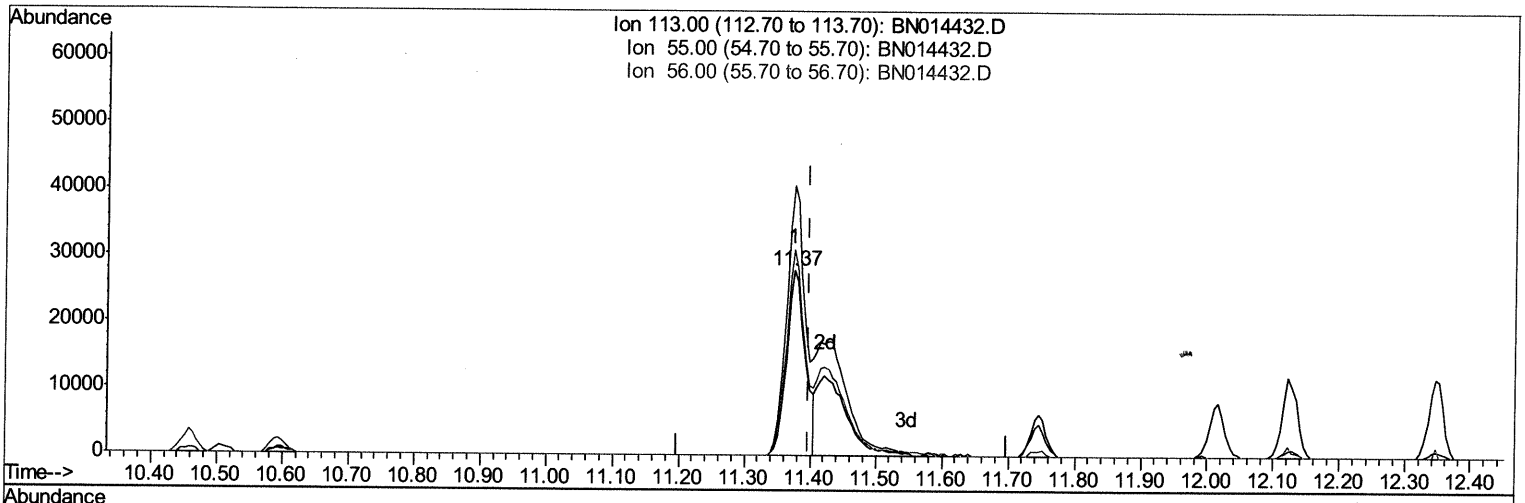

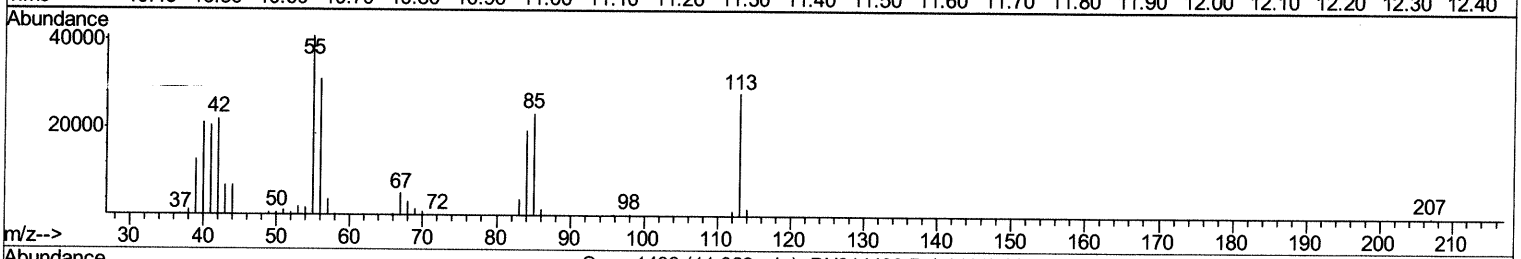

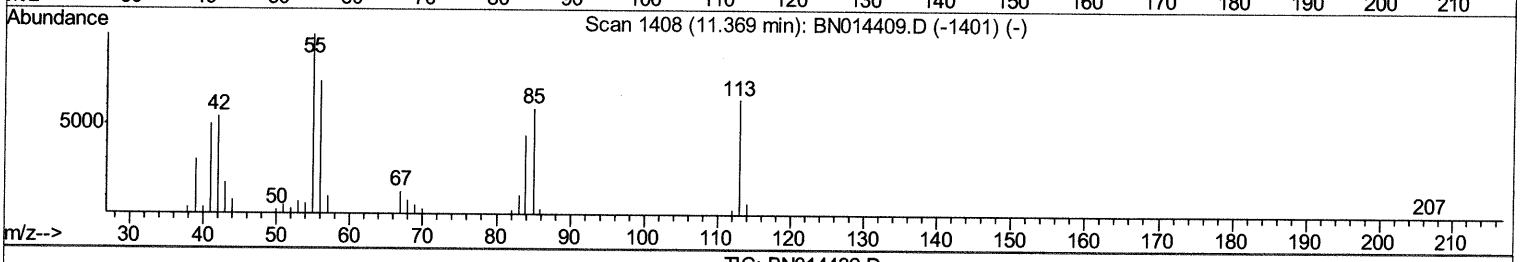

TIC: BN014432.D

(34) Caprolactam

11.375min (-0.024) 23.77ng/ul

response 55054

Ion	Exp%	Act%
113.00	100	100
55.00	144.30	145.79
56.00	109.00	111.31
0.00	0.00	0.00

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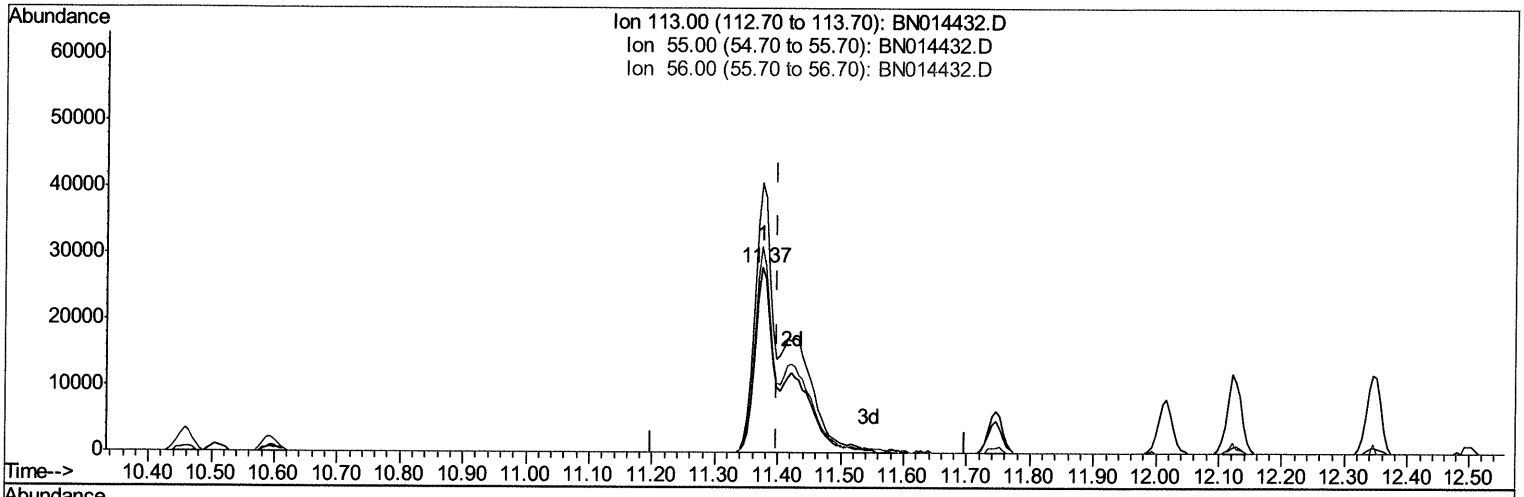

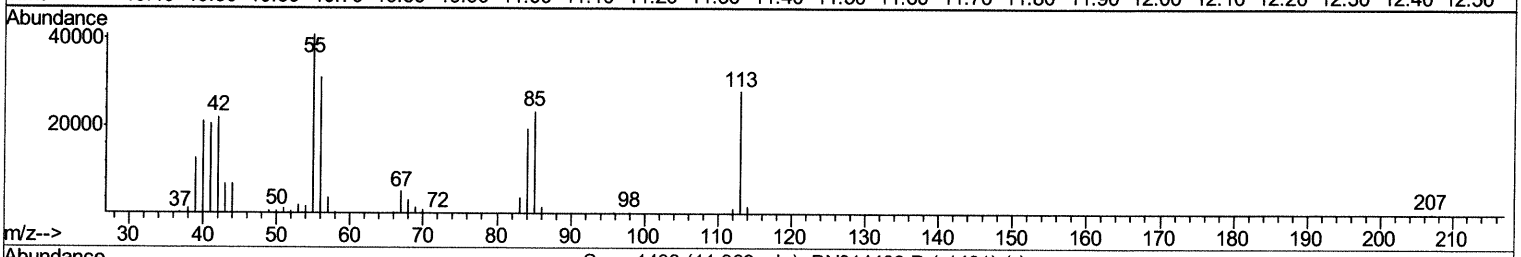

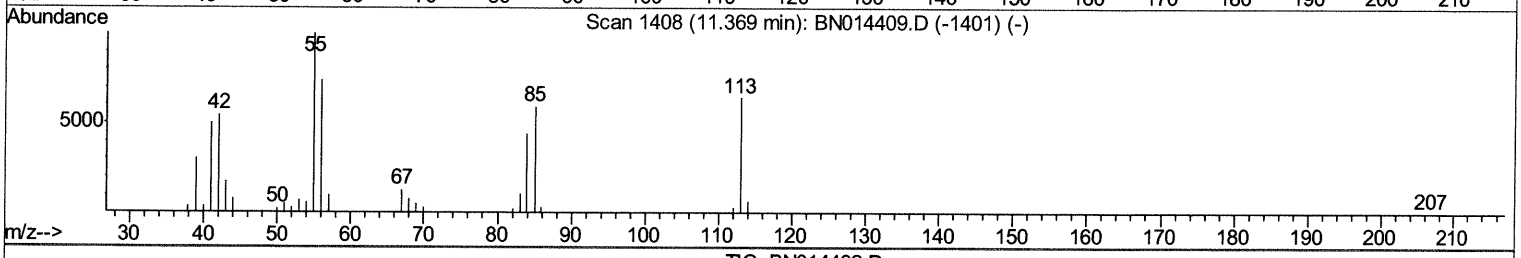

TIC: BN014432.D

(34) Caprolactam

11.375min (-0.024) 40.48ng/ul m 05/07/21JU

response 93752

Ion	Exp%	Act%
113.00	100	100
55.00	144.30	145.79
56.00	109.00	111.31
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	7.68	152	121528	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	531190	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	299211	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	613505	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	625387	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	592368	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	23545	7.37	ng/uL	0.00
4) Pyridine-d5	3.61	84	201566	23.83	ng/ul	0.00
7) Phenol-d5	6.85	99	343868	33.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	206364	33.92	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	297784	37.26	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	296101	38.45	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	161364	42.04	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	141085	37.53	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	315647	38.98	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	388273	32.32	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	895999	41.34	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	1237124	47.44	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	159795	38.01	ng/ul	0.00
60) Fluorene-d10	15.32	176	796699	41.58	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.44	200	102273	31.15	ng/ul	0.00
73) Anthracene-d10	17.16	188	1201557	41.96	ng/ul	0.00
81) Pyrene-d10	19.47	212	1276868	42.06	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.34	264	1344363	42.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	43565	13.394	ng/uL	94
5) Pyridine	3.63	79	207375	23.854	ng/ul	94
6) Benzaldehyde	6.83	77	198159	38.631	ng/ul	100
8) Phenol	6.88	94	358808	32.855	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.11	93	298044	34.700	ng/ul	97
12) 2-Chlorophenol	7.25	128	300719	35.197	ng/ul	97
13) 2-Methylphenol	8.12	108	300103	37.896	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.21	45	352380	37.114	ng/ul	99
16) Acetophenone	8.50	105	504997	39.012	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.49	70	244131	40.563	ng/ul	98
18) 4-Methylphenol	8.45	108	325832	37.992	ng/ul	99
19) Hexachloroethane	8.75	117	147291	41.011	ng/ul	94
22) Nitrobenzene	8.87	77	389542	38.363	ng/ul	98
23) Isophorone	9.40	82	713086	41.757	ng/ul	99
25) 2-Nitrophenol	9.58	139	164448	37.025	ng/ul	96
26) 2,4-Dimethylphenol	9.64	107	357579	36.164	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.88	93	457674	39.339	ng/ul	100
29) 2,4-Dichlorophenol	10.11	162	307841	37.045	ng/ul	98
30) Naphthalene	10.51	128	1120377	38.055	ng/ul	100
32) 4-Chloroaniline	10.62	127	392979	31.792	ng/ul	100
33) Hexachlorobutadiene	10.80	225	198701	36.623	ng/ul	95
34) Caprolactam	11.37	113	93752m	> 40.476	ng/ul	>

05/07/21JU

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.75	107	318457	38.771 ng/ul	100
36) 2-Methylnaphthalene	12.13	142	787712	39.268 ng/ul	99
37) 1-Methylnaphthalene	12.35	142	766790	38.386 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	383709	37.888 ng/ul	99
40) Hexachlorocyclopentadiene	12.48	237	194271	30.891 ng/ul	98
41) 2,4,6-Trichlorophenol	12.74	196	222947	38.089 ng/ul	95
42) 2,4,5-Trichlorophenol	12.81	196	243946	37.555 ng/ul	95
43) 1,1'-Biphenyl	13.15	154	997903	40.551 ng/ul	100
44) 2-Chloronaphthalene	13.19	162	768149	39.931 ng/ul	100
45) 2-Nitroaniline	13.39	65	193789	43.454 ng/ul	96
47) Dimethylphthalate	13.78	163	905538	40.241 ng/ul	99
48) 2,6-Dinitrotoluene	13.90	165	177899	45.079 ng/ul	99
50) Acenaphthylene	14.04	152	1147167	41.347 ng/ul	98
51) 3-Nitroaniline	14.22	138	170501	35.064 ng/ul	98
52) Acenaphthene	14.38	153	807428	39.896 ng/ul	98
53) 2,4-Dinitrophenol	14.43	184	58740	25.500 ng/ul	96
55) 4-Nitrophenol	14.53	109	128636	35.709 ng/ul	96
56) Dibenzofuran	14.72	168	1111933	39.480 ng/ul	100
57) 2,4-Dinitrotoluene	14.69	165	258321	45.312 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.95	232	194617	38.082 ng/ul	97
59) Diethylphthalate	15.15	149	915200	39.760 ng/ul	100
61) Fluorene	15.37	166	920492	40.318 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.37	204	440814	39.208 ng/ul	98
63) 4-Nitroaniline	15.39	138	190293	40.204 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.45	198	106833	30.728 ng/ul	98
67) N-Nitrosodiphenylamine	15.58	169	755638	39.585 ng/ul	99
68) 4-Bromophenyl-phenylether	16.26	248	258827	39.878 ng/ul	97
69) Hexachlorobenzene	16.37	284	294657	38.033 ng/ul	95
70) Atrazine	16.53	200	241977	35.670 ng/ul	94
71) Pentachlorophenol	16.72	266	145263	32.248 ng/ul	96
72) Phenanthrene	17.11	178	1421733	39.692 ng/ul	99
74) Anthracene	17.20	178	1427452	39.234 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.11	216	382253	37.836 ng/uL	94
76) Pentachlorobenzene	14.64	250	364463	36.297 ng/uL	91
77) Carbazole	17.47	167	1246384	37.869 ng/ul	99
78) Di-n-butylphthalate	18.05	149	1473326	41.372 ng/ul	100
80) Fluoranthene	19.13	202	1574563	41.045 ng/ul	98
82) Pyrene	19.50	202	1656673	40.557 ng/ul	99
83) Butylbenzylphthalate	20.40	149	515145	38.409 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.18	252	307181	27.464 ng/ul	95
85) Benzo(a)anthracene	21.24	228	1587195	39.278 ng/ul	96
86) Bis(2-ethylhexyl)phthalate	21.19	149	886459	40.552 ng/ul	97
87) Chrysene	21.30	228	1550524	39.586 ng/ul	97
89) Di-n-octyl phthalate	22.06	149	1463623	39.574 ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	1643966	41.483 ng/ul	99
91) Benzo(k)fluoranthene	22.86	252	1552127	39.343 ng/ul	96
93) Benzo(a)pyrene	23.39	252	1454472	41.483 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.73	276	1892510	40.724 ng/ul	95
95) Dibenzo(a,h)anthracene	25.74	278	1576958	41.105 ng/ul	97
96) Benzo(g,h,i)perylene	26.41	276	1549782	41.267 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