Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012721\
Data File : BP004637.D
Acq On : 26 Jan 2021 18:06
Operator : CG/JU
Sample : SSTD04080
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 27 04:35:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 27 04:11:03 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD04080

Manual Integrations APPROVED
mohammad
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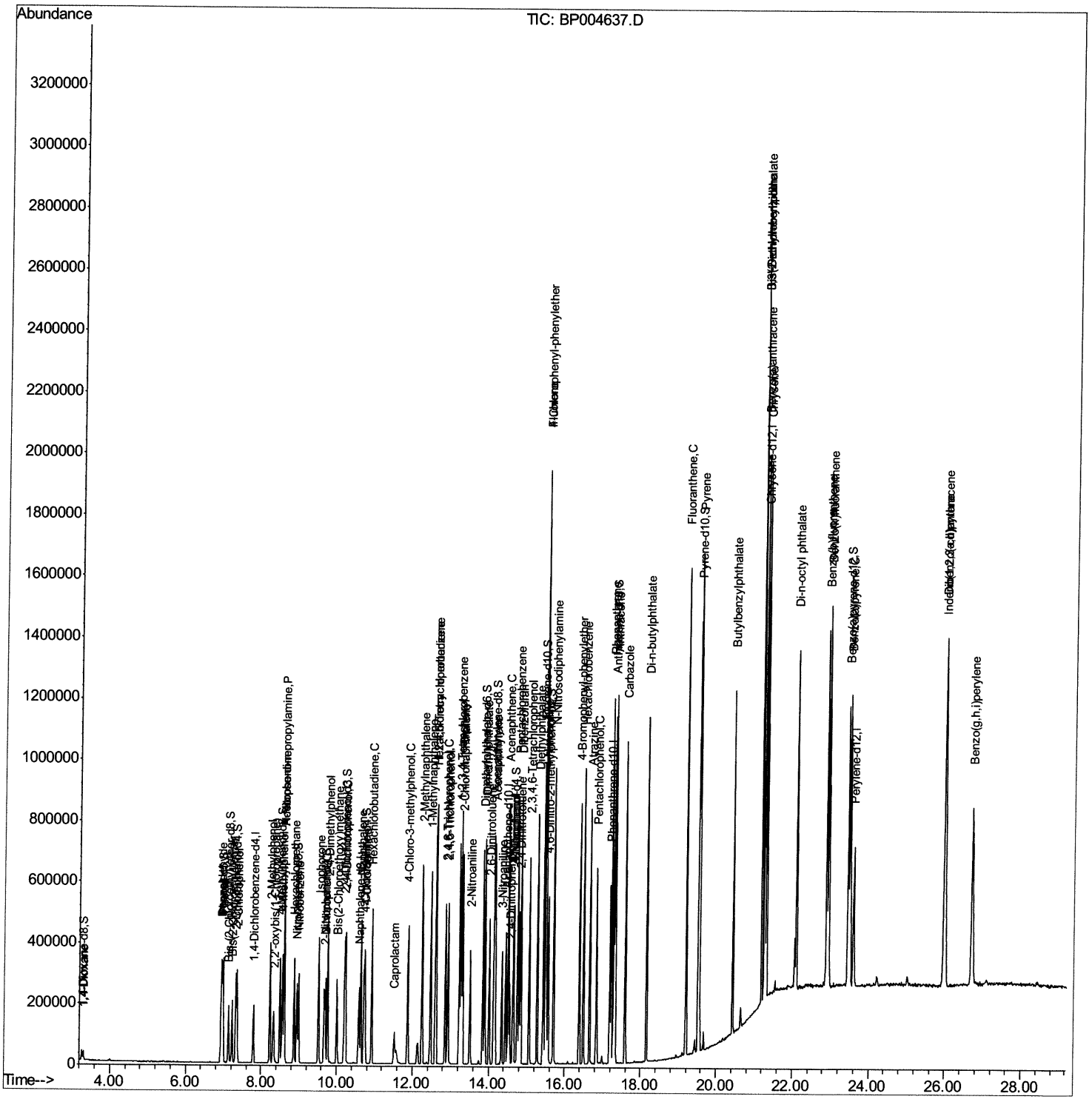

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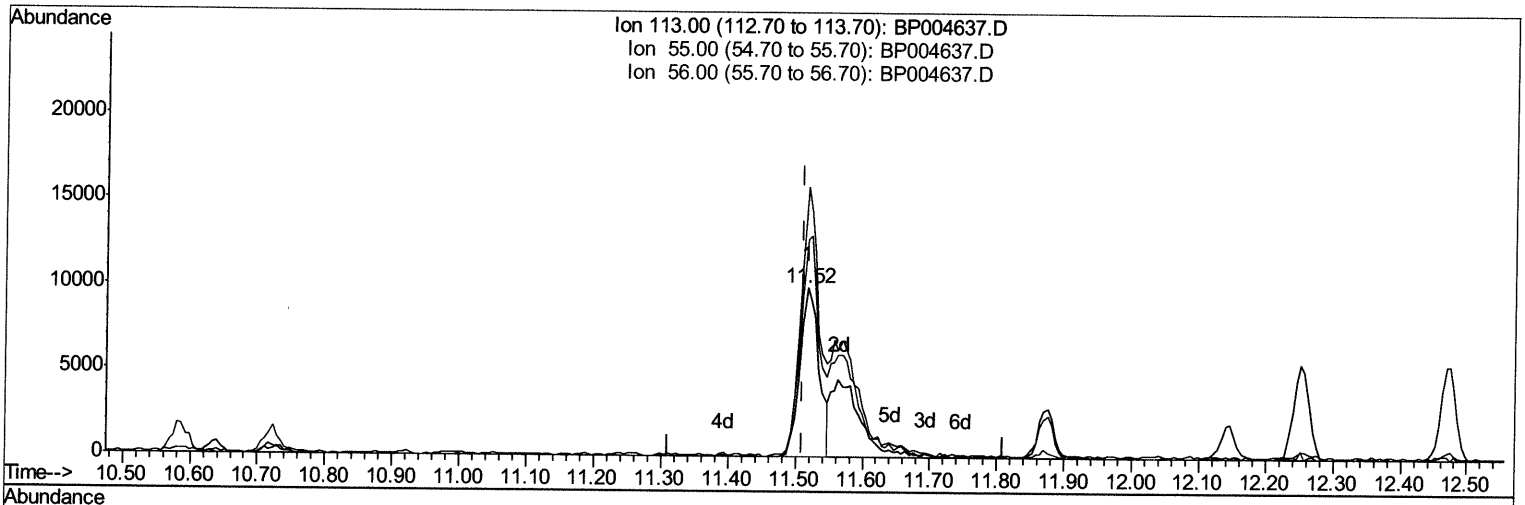

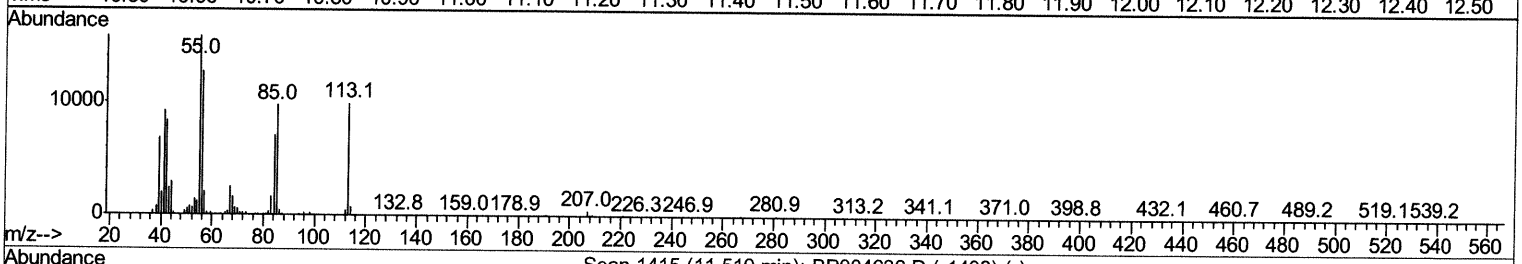

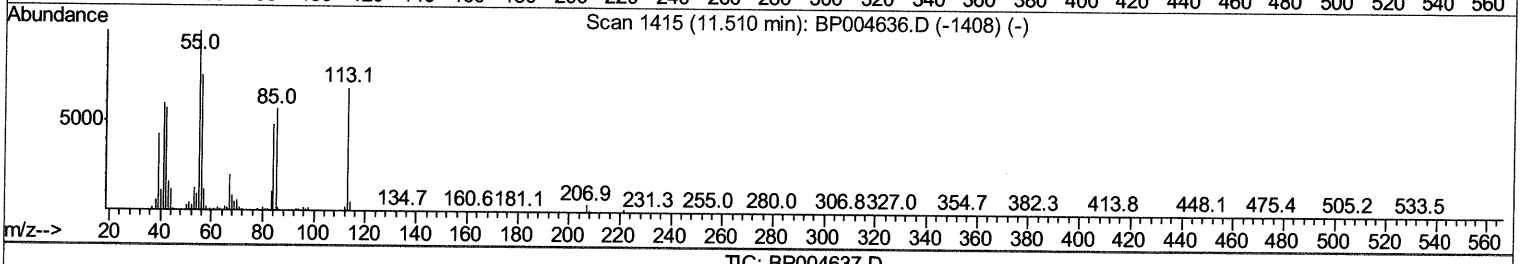

TIC: BP004637.D

(32) Caprolactam

11.516min (+0.006) 20.54ng/ul

response 19448

Ion	Exp%	Act%
113.00	100	100
55.00	146.90	159.91
56.00	110.00	128.37
0.00	0.00	0.00

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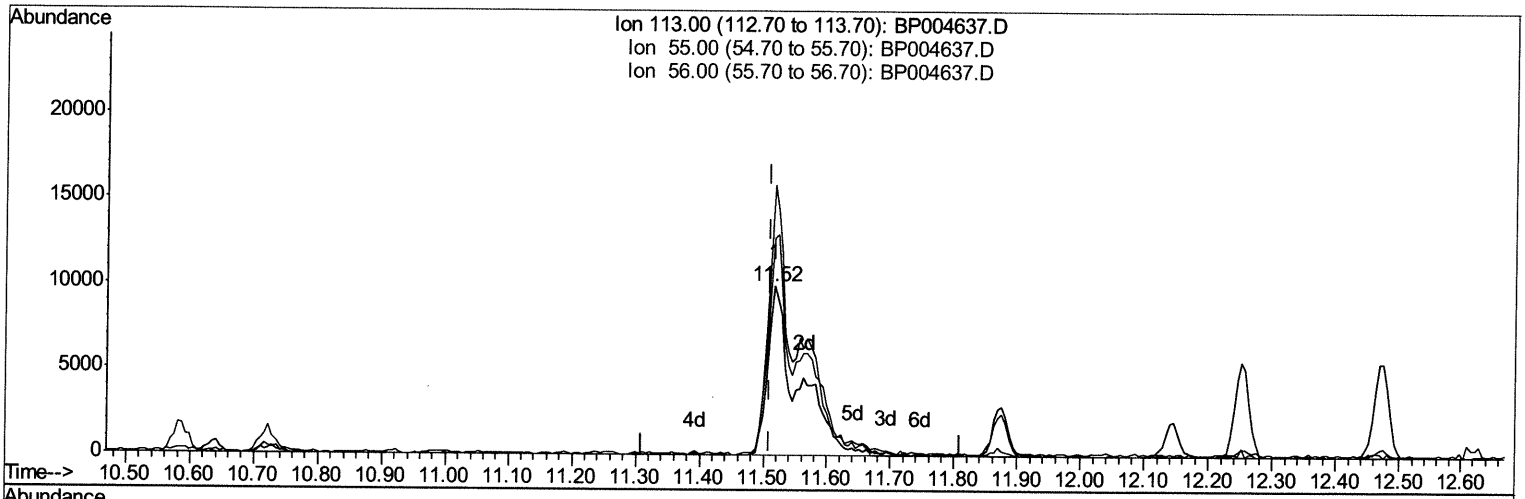

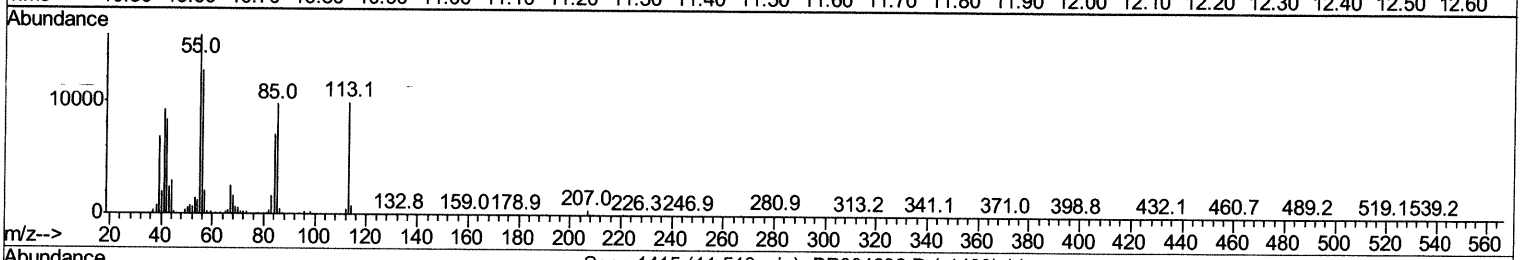

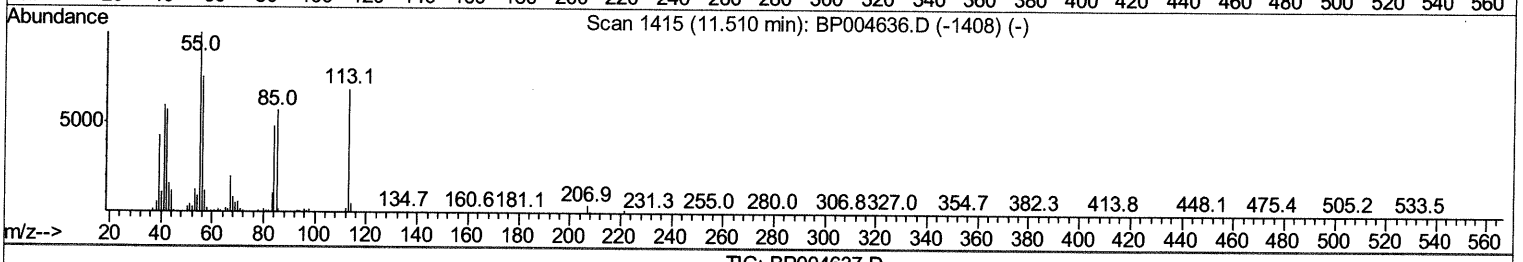

TIC: BP004637.D

(32) Caprolactam

11.516min (+0.006) 35.19ng/ul m 01/28/21 JU

response 33314

Ion	Exp%	Act%
113.00	100	100
55.00	146.90	159.91
56.00	110.00	128.37
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	7.79	152	45959	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	172420	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	142169	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	351717	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	374583	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	352516	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	14402	13.03	ng/uL	0.00
5) Phenol-d5	6.96	99	131221	32.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	74762	33.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	96310	29.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	103470	32.56	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	46420	31.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	58180	35.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	136071	45.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	125648	36.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	422312	37.11	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	509161	36.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	63393	30.83	ng/ul	0.00
58) Fluorene-d10	15.43	176	374297	37.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	85545	37.70	ng/ul	0.00
71) Anthracene-d10	17.29	188	622907	35.85	ng/ul	0.00
79) Pyrene-d10	19.53	212	742790	37.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	743294	38.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	14156	12.535	ng/uL	95
4) Benzaldehyde	6.93	77	95221	48.617	ng/ul	96
6) Phenol	6.98	94	140105	34.902	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.22	93	100503	31.282	ng/ul	96
10) 2-Chlorophenol	7.36	128	99269	30.419	ng/ul	99
11) 2-Methylphenol	8.23	108	104618	34.062	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	104463	28.836	ng/ul	97
14) Acetophenone	8.62	105	176074	37.769	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	96812	41.076	ng/ul	98
16) 4-Methylphenol	8.56	108	111596	33.997	ng/ul	93
17) Hexachloroethane	8.87	117	46633	33.269	ng/ul	95
20) Nitrobenzene	8.99	77	151246	44.012	ng/ul	98
21) Isophorone	9.52	82	262061	40.807	ng/ul	99
23) 2-Nitrophenol	9.70	139	59681	35.131	ng/ul	94
24) 2,4-Dimethylphenol	9.76	107	142098	44.428	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	138126	34.430	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	130516	44.913	ng/ul	99
28) Naphthalene	10.63	128	328263	33.888	ng/ul	98
30) 4-Chloroaniline	10.75	127	129535	39.880	ng/ul	96
31) Hexachlorobutadiene	10.93	225	113446	54.844	ng/ul	95
32) Caprolactam	11.52	113	33314m >	35.189	ng/ul >	01/28/21 JU
33) 4-Chloro-3-methylphenol	11.88	107	128603	43.915	ng/ul	95
34) 2-Methylnaphthalene	12.25	142	272804	40.827	ng/ul	98

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Manual Integrations APPROVED
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.47	142	262700	33.772 ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	210490	41.568 ng/ul	99
38) Hexachlorocyclopentadiene	12.60	237	147252	50.911 ng/ul	99
39) 2,4,6-Trichlorophenol	12.86	196	128972	41.128 ng/ul	95
40) 2,4,5-Trichlorophenol	12.93	196	136268	41.142 ng/ul	99
41) 1,1'-Biphenyl	13.27	154	395712	34.074 ng/ul	99
42) 2-Chloronaphthalene	13.31	162	322789	34.831 ng/ul	99
43) 2-Nitroaniline	13.51	65	95211	40.592 ng/ul	96
45) Dimethylphthalate	13.90	163	423663	37.160 ng/ul	100
46) 2,6-Dinitrotoluene	14.02	165	84819	35.703 ng/ul	99
48) Acenaphthylene	14.16	152	449254	32.541 ng/ul	99
49) 3-Nitroaniline	14.34	138	66134	32.988 ng/ul	93
50) Acenaphthene	14.50	153	324333	33.531 ng/ul	99
51) 2,4-Dinitrophenol	14.55	184	58004	44.748 ng/ul	98
53) 4-Nitrophenol	14.65	109	81548	56.519 ng/ul	96
54) Dibenzofuran	14.84	168	503050	36.935 ng/ul	96
55) 2,4-Dinitrotoluene	14.80	165	122183	35.863 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.06	232	134393	45.869 ng/ul	97
57) Diethylphthalate	15.27	149	407743	36.358 ng/ul	99
59) Fluorene	15.49	166	432696	39.206 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.49	204	256054	43.378 ng/ul	98
61) 4-Nitroaniline	15.51	138	74539	35.371 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.56	198	85060	35.513 ng/ul#	95
65) N-Nitrosodiphenylamine	15.70	169	365639	34.603 ng/ul	98
66) 4-Bromophenyl-phenylether	16.39	248	170777	40.108 ng/ul	99
67) Hexachlorobenzene	16.49	284	189875	38.435 ng/ul	98
68) Atrazine	16.66	200	169621	42.559 ng/ul	99
69) Pentachlorophenol	16.84	266	118633	45.664 ng/ul	94
70) Phenanthrene	17.23	178	711158	34.818 ng/ul	99
72) Anthracene	17.33	178	730251	35.701 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	215742	37.887 ng/uL	98
74) Pentachlorobenzene	14.76	250	223210	39.570 ng/uL	97
75) Carbazole	17.60	167	611261	36.144 ng/ul	99
76) Di-n-butylphthalate	18.16	149	688212	32.396 ng/ul	99
77) Fluoranthene	19.20	202	914141	39.455 ng/ul	99
80) Pyrene	19.56	202	930962	36.496 ng/ul	99
81) Butylbenzylphthalate	20.44	149	292408	30.026 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.20	252	348589	44.844 ng/ul	99
83) Benzo(a)anthracene	21.26	228	898568	35.592 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	440742	30.597 ng/ul	99
85) Chrysene	21.31	228	876604	35.963 ng/ul	99
87) Di-n-octyl phthalate	22.10	149	687540	33.081 ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	903793	39.308 ng/ul	99
89) Benzo(k)fluoranthene	22.94	252	871062	39.047 ng/ul	98
91) Benzo(a)pyrene	23.49	252	779593	36.759 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.98	276	989793	36.937 ng/ul	97
93) Dibenzo(a,h)anthracene	26.00	278	836548	37.484 ng/ul	96
94) Benzo(g,h,i)perylene	26.72	276	815001	36.253 ng/ul	99

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

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