Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM041421\
Data File : BM029463.D
Acq On : 14 Apr 2021 10:41
Operator : CG/JU
Sample : PB135558BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 14 11:27:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 14 10:06:38 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS558

Manual Integrations APPROVED
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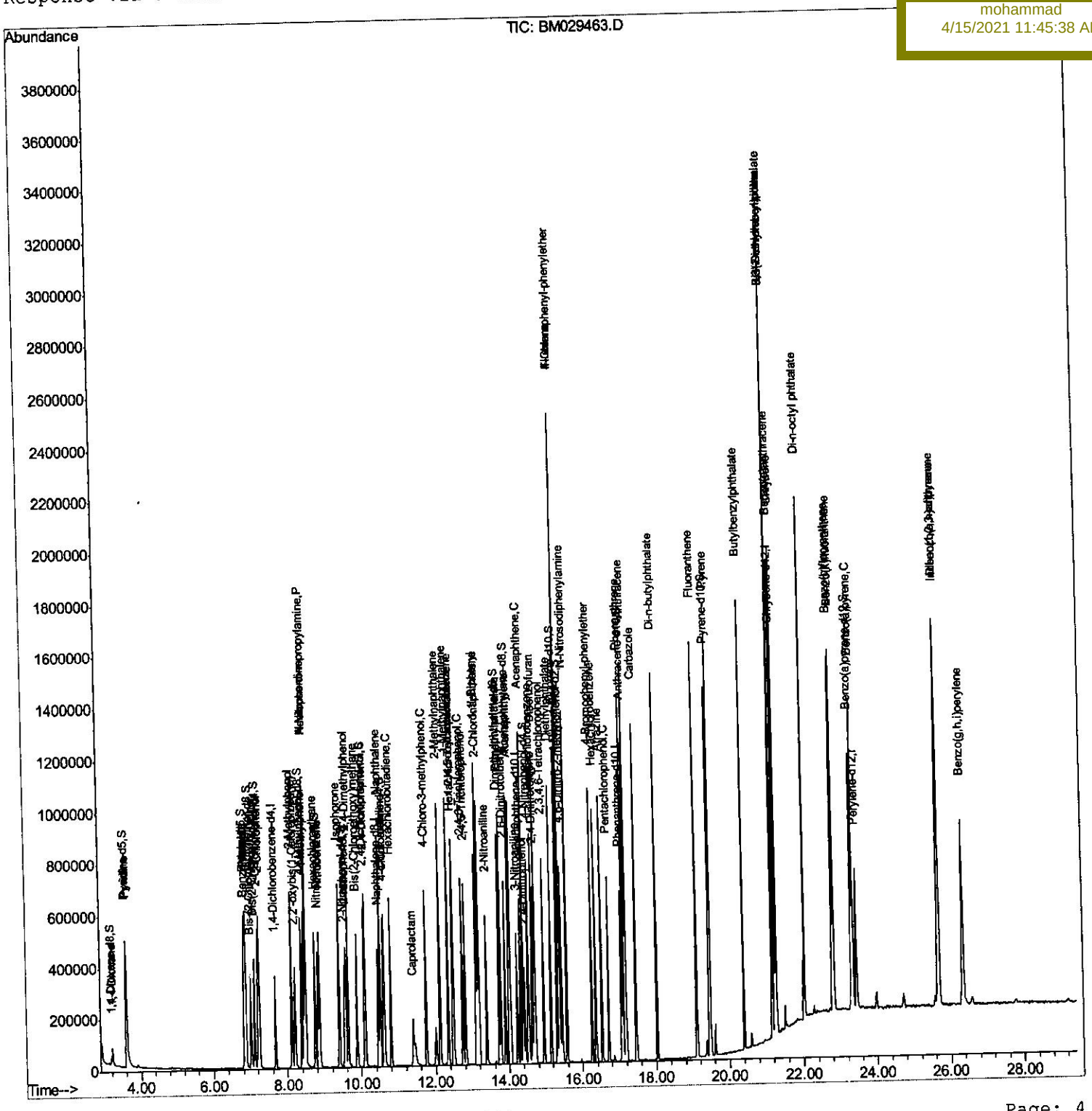

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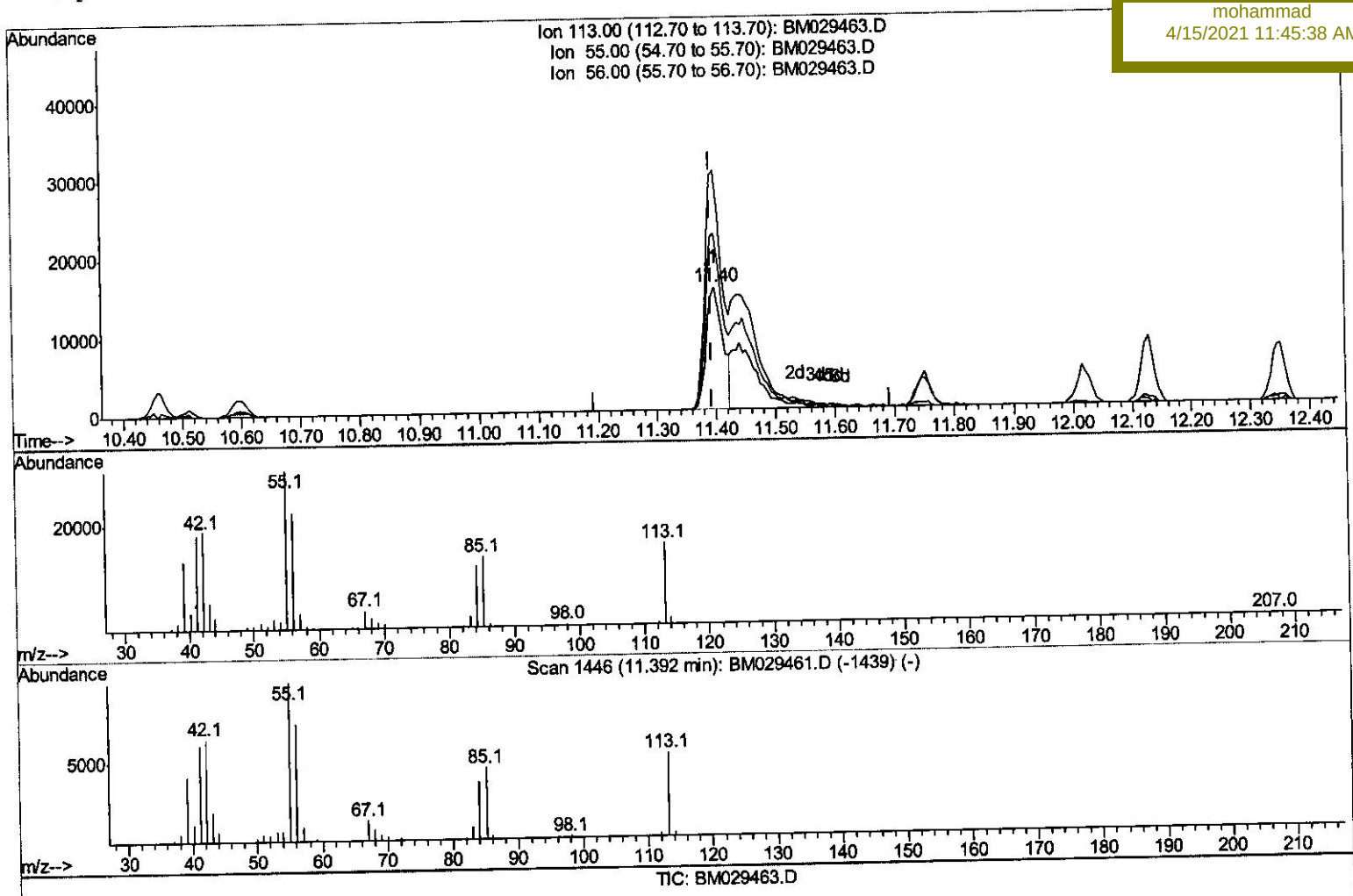

(34) Caprolactam

11.398min (+0.006) 18.94ng/ul

response 30722

Ion	Exp%	Act%
113.00	100	100
55.00	181.00	194.21
56.00	144.20	142.76
0.00	0.00	0.00

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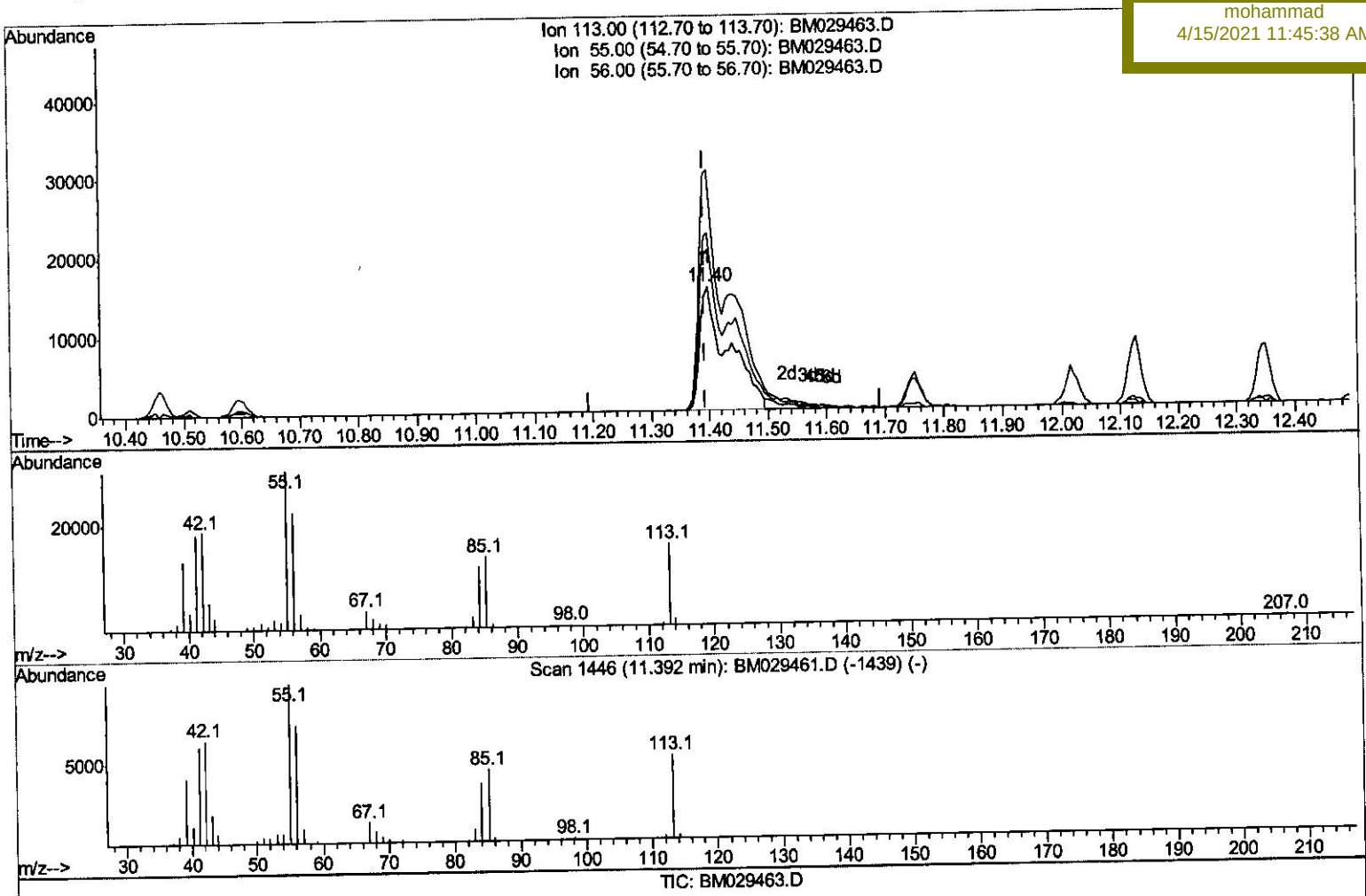

TIC: BM029463.D

(34) Caprolactam

11.398min (+0.006) 32.71ng/ul m } 4/15/21 JV

response 53066

Ion	Exp%	Act%
113.00	100	100
55.00	181.00	194.21
56.00	144.20	142.76
0.00	0.00	0.00

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4/15/2021 11:45:38 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	81101	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	329250	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	187653	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	339792	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	311702	20.00	ng/ul	0.00
87) Perylene-d12	23.44	264	312539	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	14944	6.68	ng/uL	0.00
4) Pyridine-d5	3.59	84	195900	33.05	ng/ul	0.00
7) Phenol-d5	6.85	99	246357	33.18	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	161519	33.33	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	192949	34.69	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	188527	33.19	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	86212	33.82	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	93085	33.54	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	176828	33.88	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	210837	28.39	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	502377	34.73	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	635846	36.84	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	90657	32.75	ng/ul	0.00
60) Fluorene-d10	15.31	176	408968	34.34	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	74906	33.98	ng/ul	0.00
73) Anthracene-d10	17.16	188	601220	36.61	ng/ul	0.00
80) Pyrene-d10	19.45	212	609778	36.91	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.30	264	630417	36.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	31350	13.551	ng/uL	94
5) Pyridine	3.61	79	208468	32.817	ng/ul	97
6) Benzaldehyde	6.83	77	150934	36.521	ng/ul	99
8) Phenol	6.88	94	265244	33.651	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.11	93	202483	33.812	ng/ul	99
12) 2-Chlorophenol	7.25	128	207788	35.051	ng/ul	97
13) 2-Methylphenol	8.12	108	190748	33.586	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.20	45	320946	34.254	ng/ul	98
16) Acetophenone	8.50	105	312077	33.116	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.49	70	182529	35.435	ng/ul	95
18) 4-Methylphenol	8.45	108	206427	33.738	ng/ul	96
19) Hexachloroethane	8.75	117	94281	35.209	ng/ul	97
22) Nitrobenzene	8.87	77	267334	34.471	ng/ul	99
23) Isophorone	9.40	82	458284	34.773	ng/ul	98
25) 2-Nitrophenol	9.58	139	107603	34.639	ng/ul	99
26) 2,4-Dimethylphenol	9.65	107	234972	34.428	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.88	93	263928	34.267	ng/ul	98
29) 2,4-Dichlorophenol	10.11	162	181776	34.831	ng/ul	98
30) Naphthalene	10.51	128	627589	34.234	ng/ul	99
32) 4-Chloroaniline	10.62	127	219253	28.599	ng/ul	99
33) Hexachlorobutadiene	10.80	225	106683	34.584	ng/ul	97
34) Caprolactam	11.40	113	53066m	32.712	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.75	107	205450	35.435 ng/ul	99
36) 2-Methylnaphthalene	12.13	142	436880	34.732 ng/ul	95
37) 1-Methylnaphthalene	12.35	142	420556	33.470 ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	186448	33.951 ng/ul	98
40) Hexachlorocyclopentadiene	12.48	237	118166	31.158 ng/ul	98
41) 2,4,6-Trichlorophenol	12.74	196	130746	35.167 ng/ul	96
42) 2,4,5-Trichlorophenol	12.81	196	135490	33.959 ng/ul	97
43) 1,1'-Biphenyl	13.15	154	546100	34.274 ng/ul	99
44) 2-Chloronaphthalene	13.19	162	414055	34.037 ng/ul	99
45) 2-Nitroaniline	13.39	65	153566	36.624 ng/ul	94
47) Dimethylphthalate	13.78	163	527407	35.591 ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	104275	36.484 ng/ul	99
50) Acenaphthylene	14.04	152	631133	34.720 ng/ul	99
51) 3-Nitroaniline	14.22	138	95105	30.796 ng/ul	98
52) Acenaphthene	14.38	153	457038	34.185 ng/ul	99
53) 2,4-Dinitrophenol	14.43	184	55339	31.291 ng/ul	96
55) 4-Nitrophenol	14.53	109	97280	34.679 ng/ul	97
56) Dibenzofuran	14.72	168	618398	34.871 ng/ul	99
57) 2,4-Dinitrotoluene	14.69	165	148850	36.803 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	109494	35.225 ng/ul	99
59) Diethylphthalate	15.15	149	560834	36.237 ng/ul	98
61) Fluorene	15.37	166	537627	35.558 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.36	204	240447	35.586 ng/ul	99
63) 4-Nitroaniline	15.39	138	107255	35.743 ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.44	198	80366	35.180 ng/ul	93
67) N-Nitrosodiphenylamine	15.58	169	442514	37.500 ng/ul	100
68) 4-Bromophenyl-phenylether	16.26	248	130666	38.066 ng/ul	99
69) Hexachlorobenzene	16.37	284	145782	37.700 ng/ul	97
70) Atrazine	16.53	200	147980	35.142 ng/ul	98
71) Pentachlorophenol	16.71	266	87214	35.095 ng/ul	96
72) Phenanthrene	17.10	178	768102	36.652 ng/ul	99
74) Anthracene	17.19	178	798057	37.158 ng/ul	100
75) Pentachlorobenzene	14.64	250	172881	34.317 ng/uL	99
76) Carbazole	17.46	167	704050	35.506 ng/ul	99
77) Di-n-butylphthalate	18.03	149	923217	38.639 ng/ul	100
79) Fluoranthene	19.12	202	815755	37.541 ng/ul	98
81) Pyrene	19.48	202	852692	37.076 ng/ul	99
82) Butylbenzylphthalate	20.39	149	400809	38.905 ng/ul	96
83) 3,3'-Dichlorobenzidine	21.16	252	232572	34.048 ng/ul	99
84) Benzo(a)anthracene	21.22	228	777483	37.532 ng/ul	100
85) Bis(2-ethylhexyl)phthalate	21.16	149	640127	39.741 ng/ul	100
86) Chrysene	21.27	228	750114	37.492 ng/ul	99
88) Di-n-octyl phthalate	22.03	149	1080606	36.555 ng/ul	100
89) Benzo(b)fluoranthene	22.79	252	777836	36.856 ng/ul	99
90) Benzo(k)fluoranthene	22.83	252	790277	37.373 ng/ul	99
92) Benzo(a)pyrene	23.35	252	707878	37.809 ng/ul	99
93) Indeno(1,2,3-cd)pyrene	25.66	276	919826	38.699 ng/ul	99
94) Dibenzo(a,h)anthracene	25.68	278	782630	39.131 ng/ul	99
95) Benzo(g,h,i)perylene	26.34	276	745155	38.747 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