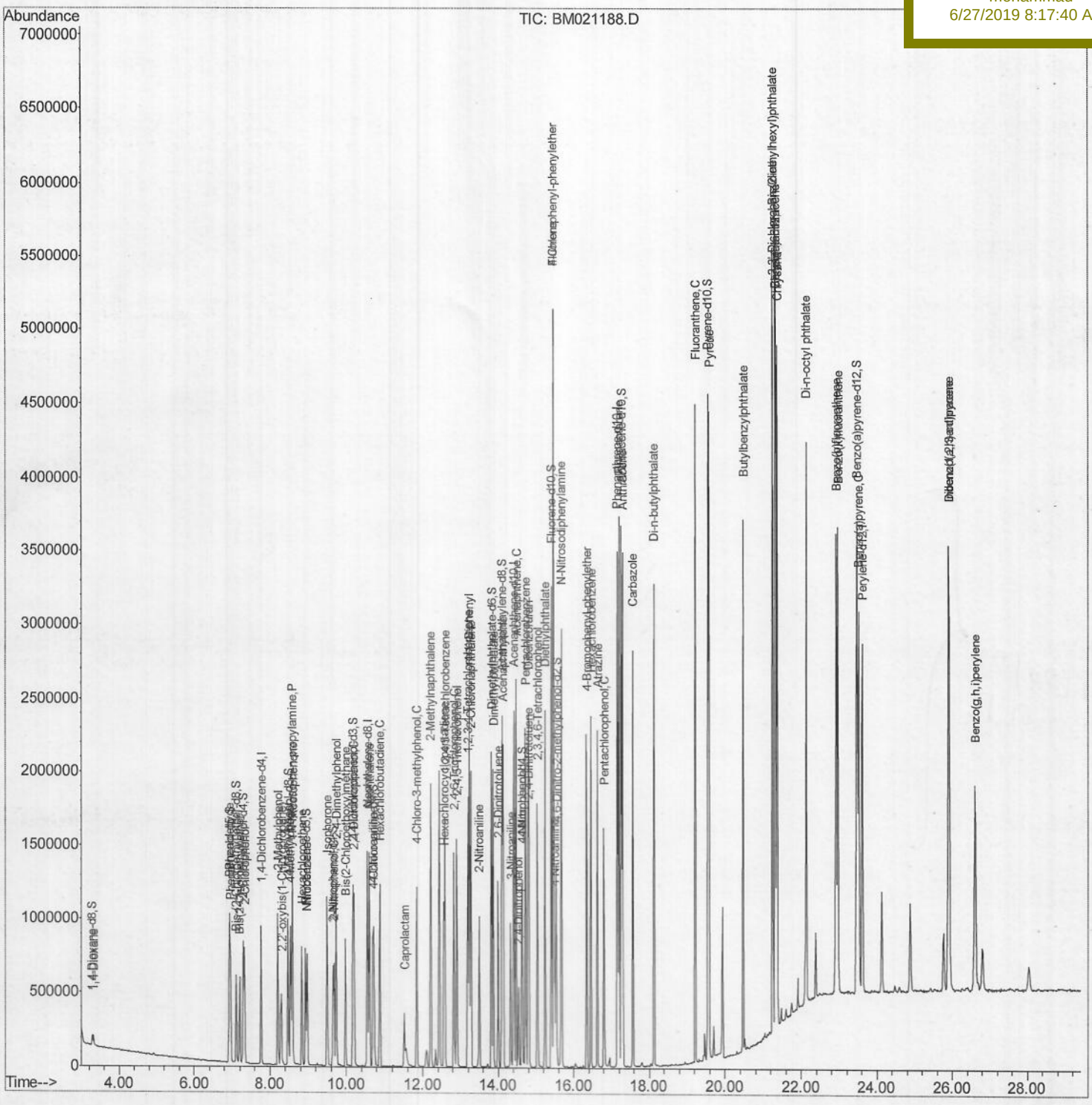
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062519\
Data File : BM021188.D
Acq On : 26 Jun 2019 12:51
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 26 13:52:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02044

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:40 AM



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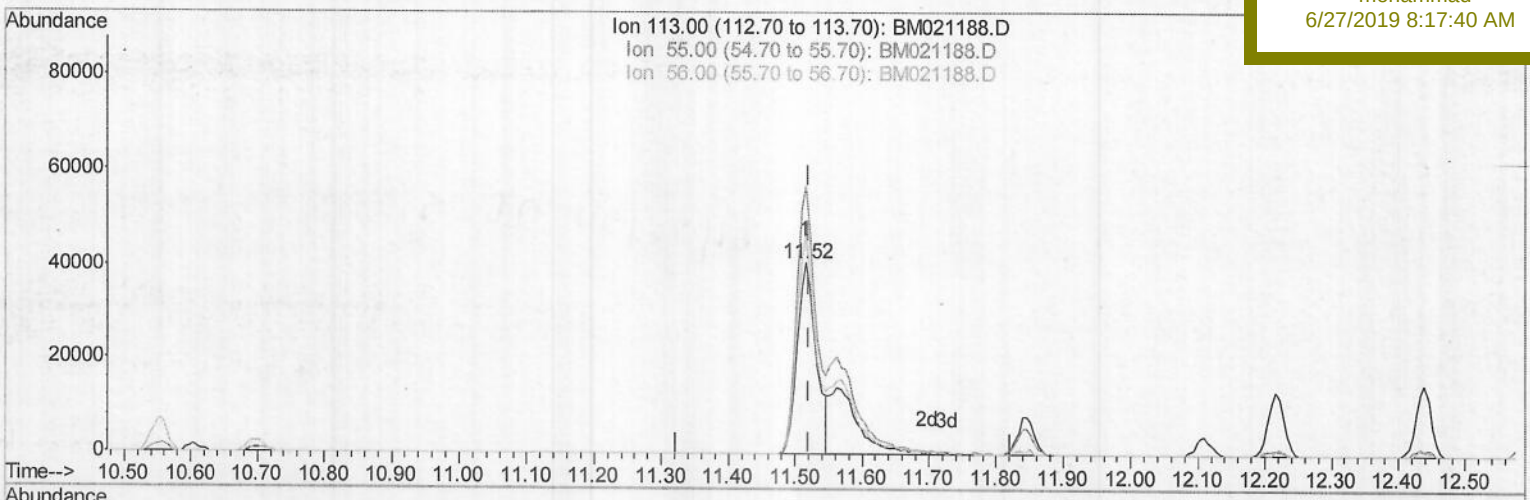

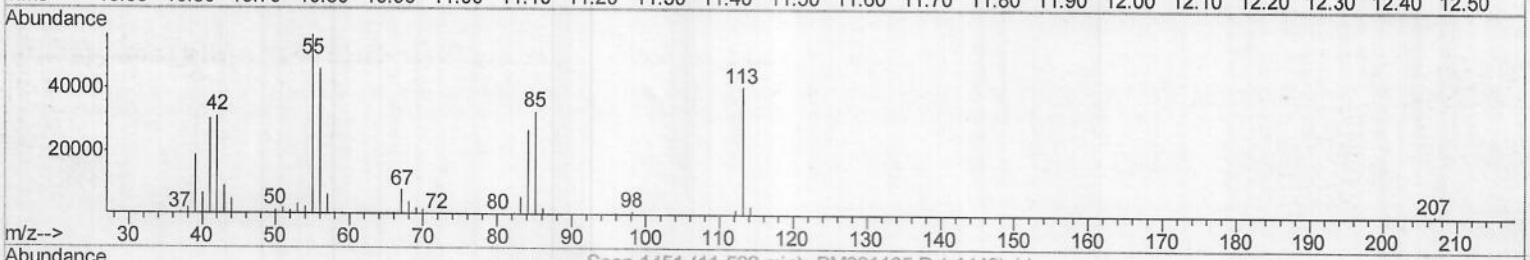

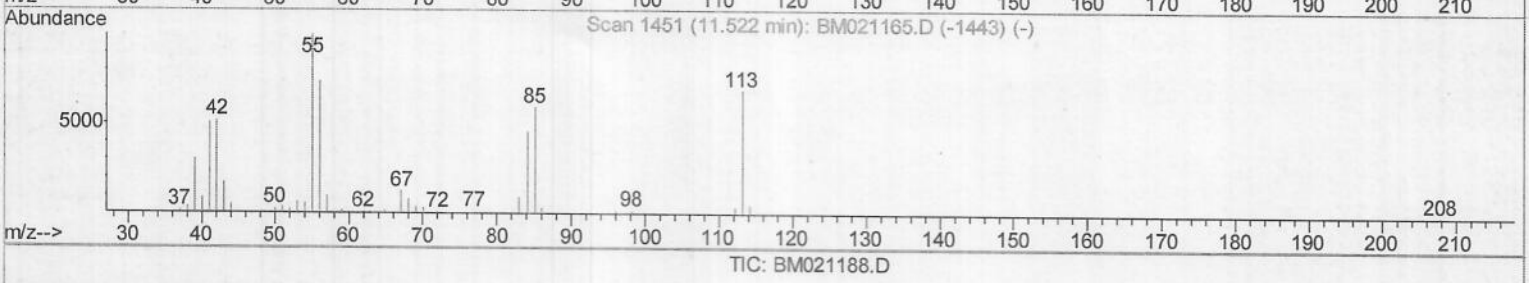

TIC: BM021188.D

(32) Caprolactam

11.516min (-0.006) 14.28ng/ul

response 80313

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	139.35
56.00	113.80	114.01
0.00	0.00	0.00

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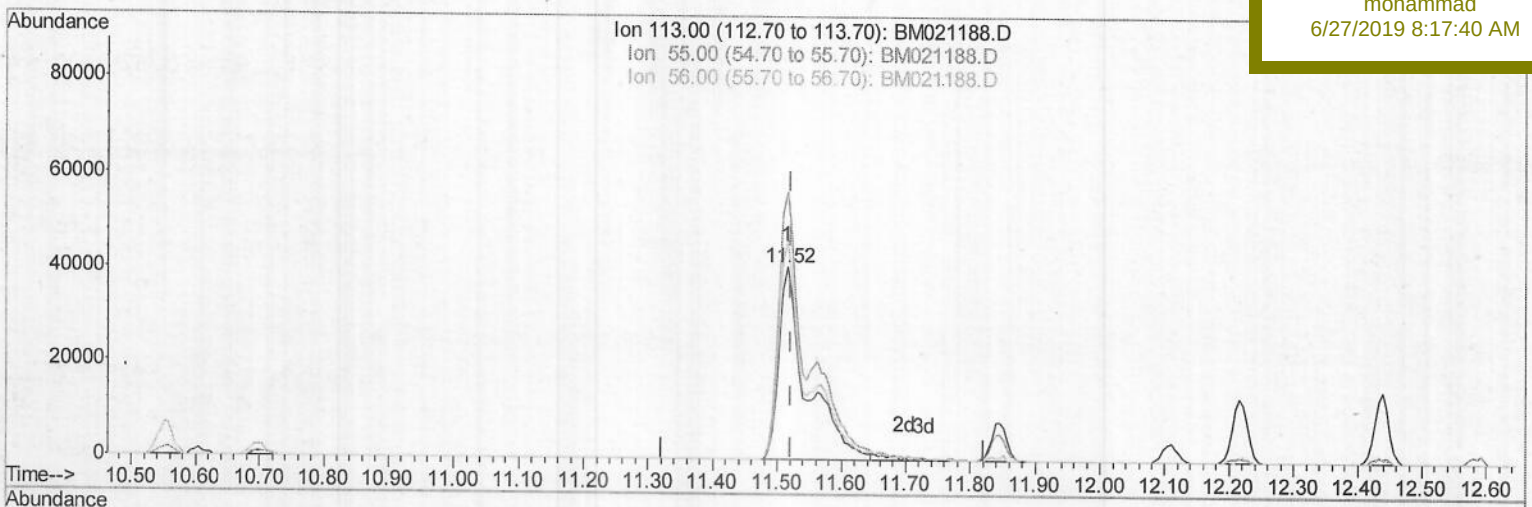

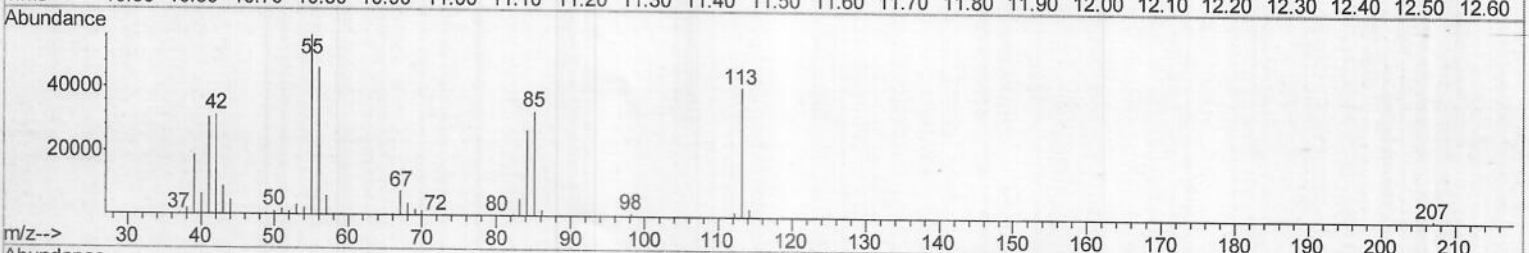

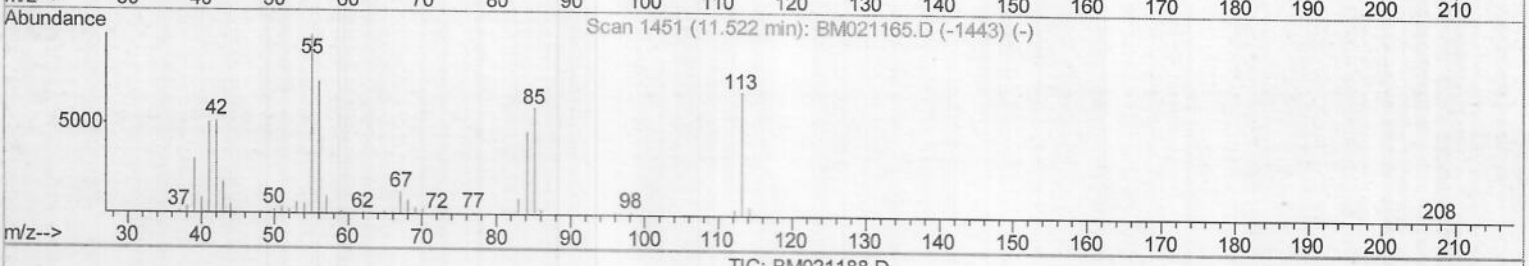

TIC: BM021188.D

(32) Caprolactam

11.516min (-0.006) 21.54ng/ul m > JU 06/27/19

response 121211

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	139.35
56.00	113.80	114.01
0.00	0.00	0.00

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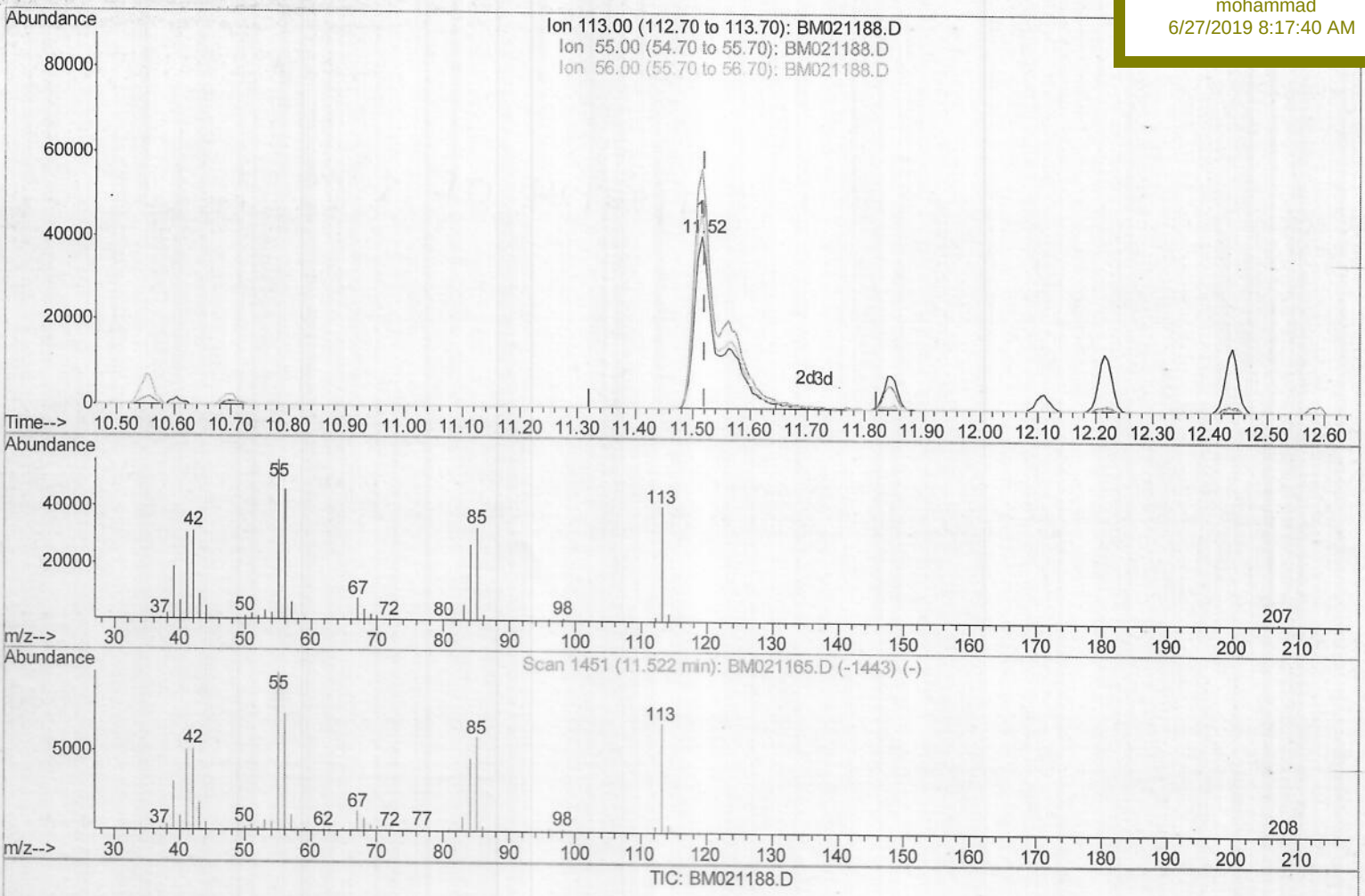

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6/27/2019 8:17:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	267726	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1199407	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	816716	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	2030610	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1952007	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	1757836	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	37588	6.67	ng/uL	0.00
5) Phenol-d5	6.93	99	448881	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	266539	19.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	368554	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	385751	19.83	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	194846	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	224190	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	465182	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	430548	18.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1456293	19.73	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1782283	19.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	231310	19.27	ng/ul	0.00
57) Fluorene-d10	15.40	176	1290568	20.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	235674	18.88	ng/ul	0.00
70) Anthracene-d10	17.26	188	2063860	19.56	ng/ul	0.00
78) Pyrene-d10	19.55	212	2299081	19.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2046516	19.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	38456	6.740	ng/uL	94
4) Benzaldehyde	6.92	77	156126	14.696	ng/ul	99
6) Phenol	6.96	94	426435	19.347	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	320403	19.046	ng/ul	99
10) 2-Chlorophenol	7.33	128	348665	19.540	ng/ul	98
11) 2-Methylphenol	8.20	108	337177	19.771	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.30	45	404122	18.813	ng/ul	100
14) Acetophenone	8.59	105	564697	20.171	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.57	70	290659	19.948	ng/ul	98
16) 4-Methylphenol	8.53	108	369232	19.895	ng/ul	97
17) Hexachloroethane	8.83	117	140765	18.926	ng/ul	93
20) Nitrobenzene	8.97	77	422421	19.307	ng/ul	99
21) Isophorone	9.49	82	812204	19.712	ng/ul	99
23) 2-Nitrophenol	9.67	139	219537	20.195	ng/ul	96
24) 2,4-Dimethylphenol	9.73	107	439543	19.792	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	489511	19.278	ng/ul	100
27) 2,4-Dichlorophenol	10.20	162	414797	20.727	ng/ul	97
28) Naphthalene	10.60	128	1195602	19.415	ng/ul	99
30) 4-Chloroaniline	10.72	127	409530	18.991	ng/ul	100
31) Hexachlorobutadiene	10.87	225	270642	19.848	ng/ul	98
32) Caprolactam	11.52	113	121211m	21.545	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	430992	21.124	ng/ul	98
34) 2-Methylnaphthalene	12.22	142	946119	20.038	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	566203	19.419 ng/ul	98
37) Hexachlorocyclopentadiene	12.56	237	334035	19.258 ng/ul	99
38) 2,4,6-Trichlorophenol	12.83	196	374627	20.676 ng/ul	97
39) 2,4,5-Trichlorophenol	12.90	196	405378	20.945 ng/ul	99
40) 1,1'-Biphenyl	13.23	154	1274337	18.915 ng/ul	99
41) 2-Chloronaphthalene	13.28	162	1029758	19.346 ng/ul	99
42) 2-Nitroaniline	13.50	65	263880	20.399 ng/ul	97
44) Dimethylphthalate	13.87	163	1324877	19.722 ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	268060	20.907 ng/ul	99
47) Acenaphthylene	14.13	152	1519891	19.651 ng/ul	99
48) 3-Nitroaniline	14.33	138	242662	21.620 ng/ul	96
49) Acenaphthene	14.47	153	1103749	19.466 ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	130038	20.189 ng/ul	88
52) 4-Nitrophenol	14.63	109	168343	18.960 ng/ul	99
53) Dibenzofuran	14.81	168	1601702	19.839 ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	407577	21.906 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	374603	22.196 ng/ul	98
56) Diethylphthalate	15.23	149	1307063	20.167 ng/ul	99
58) Fluorene	15.46	166	1332077	20.308 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	732297	20.476 ng/ul	99
60) 4-Nitroaniline	15.49	138	238925	20.026 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.54	198	235249	18.774 ng/ul	98
64) N-Nitrosodiphenylamine	15.67	169	1153430	18.755 ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	482904	19.393 ng/ul	99
66) Hexachlorobenzene	16.46	284	561507	19.675 ng/ul	97
67) Atrazine	16.63	200	433169	19.415 ng/ul	97
68) Pentachlorophenol	16.80	266	309830	21.651 ng/ul	98
69) Phenanthrene	17.20	178	2195136	19.547 ng/ul	99
71) Anthracene	17.29	178	2238130	19.557 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	570759	17.868 ng/uL	99
73) Pentachlorobenzene	14.72	250	610146	18.562 ng/uL	99
74) Carbazole	17.56	167	1901920	20.165 ng/ul	100
75) Di-n-butylphthalate	18.12	149	2315599	20.449 ng/ul	100
76) Fluoranthene	19.22	202	2657798	21.903 ng/ul	99
79) Pyrene	19.58	202	2689638	19.490 ng/ul	99
80) Butylbenzylphthalate	20.48	149	1077237	21.088 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.26	252	809754	18.508 ng/ul	98
82) Benzo(a)anthracene	21.33	228	2575964	19.357 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.25	149	1590734	21.871 ng/ul	99
84) Chrysene	21.38	228	2395807	19.222 ng/ul	100
86) Di-n-octyl phthalate	22.14	149	2550577	25.181 ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	2266817	20.358 ng/ul	100
88) Benzo(k)fluoranthene	22.97	252	2150395	20.074 ng/ul	99
90) Benzo(a)pyrene	23.52	252	2046784	19.529 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	2270978	18.401 ng/ul	98
92) Dibenzo(a,h)anthracene	25.91	278	1920947	18.503 ng/ul	99
93) Benzo(g,h,i)perylene	26.61	276	1842678	18.129 ng/ul	98

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