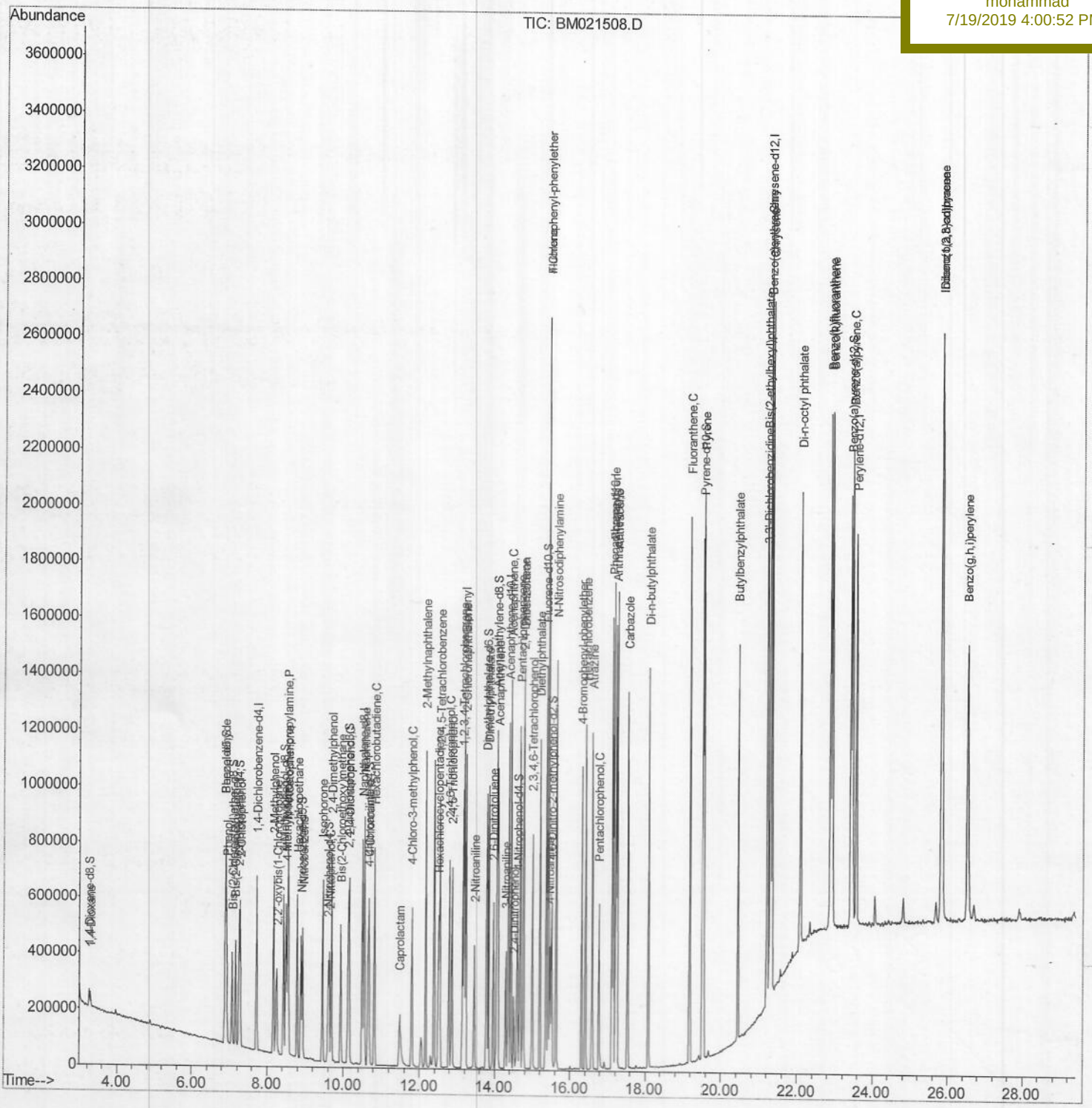
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021508.D
Acq On : 18 Jul 2019 02:33
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 18 04:07:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 02:48:00 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02044

Manual Integrations APPROVED
mohammad
7/19/2019 4:00:52 PM



Quantitation Report (Qedit)

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Acq On : 18 Jul 2019 02:33
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Quant Time: Jul 18 03:05:08 2019
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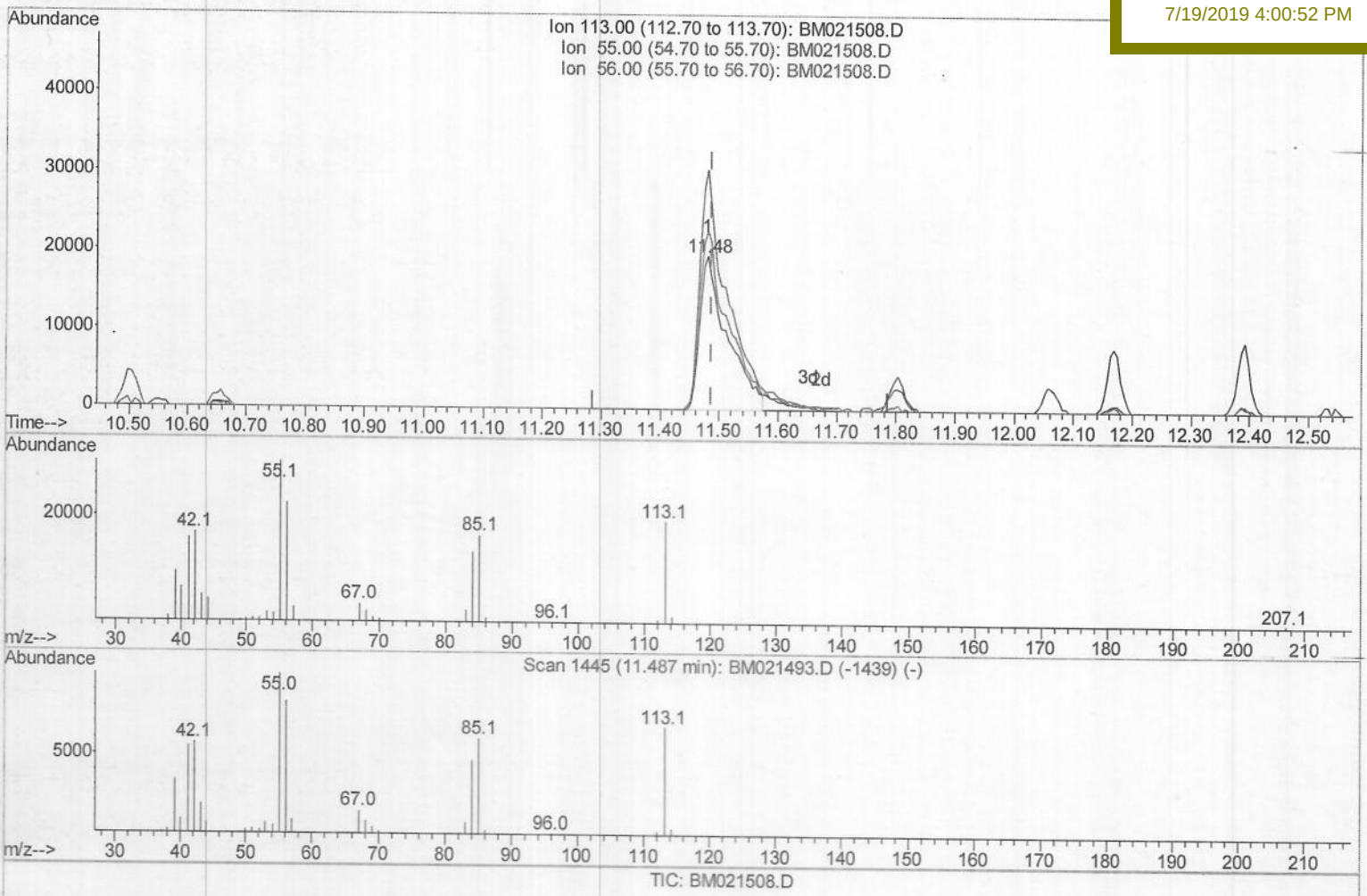

TIC: BM021508.D

(32) Caprolactam

11.480min (-0.006) 21.35ng/ul

response 63467

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	156.28
56.00	116.00	116.30
0.00	0.00	0.00

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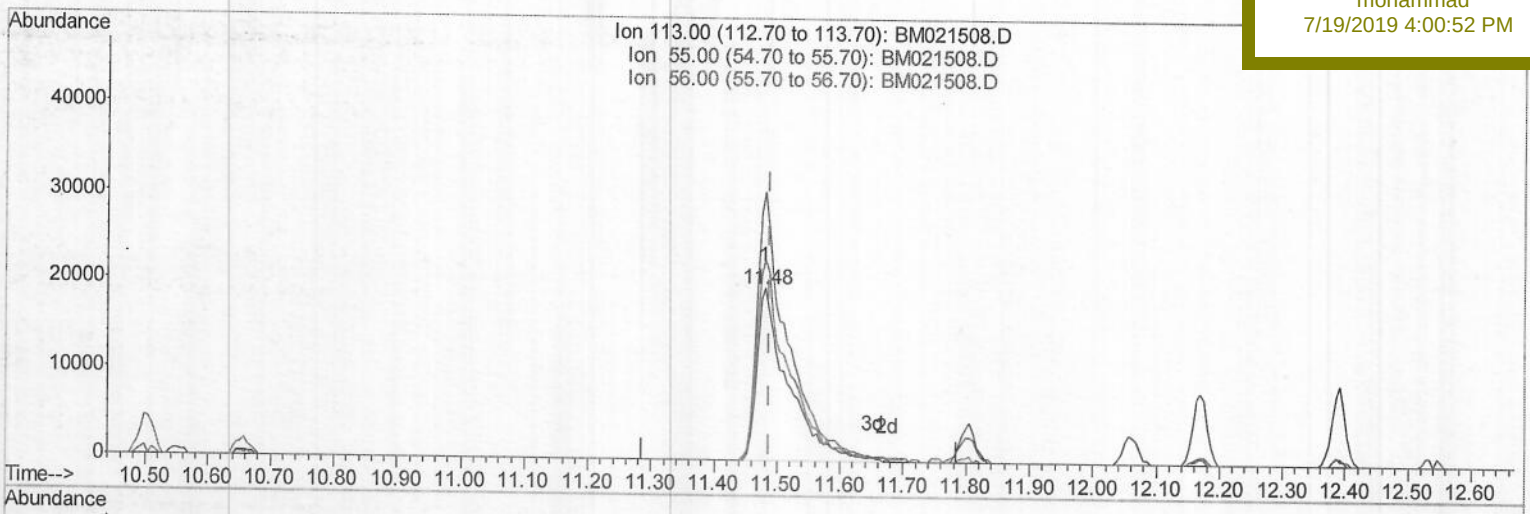

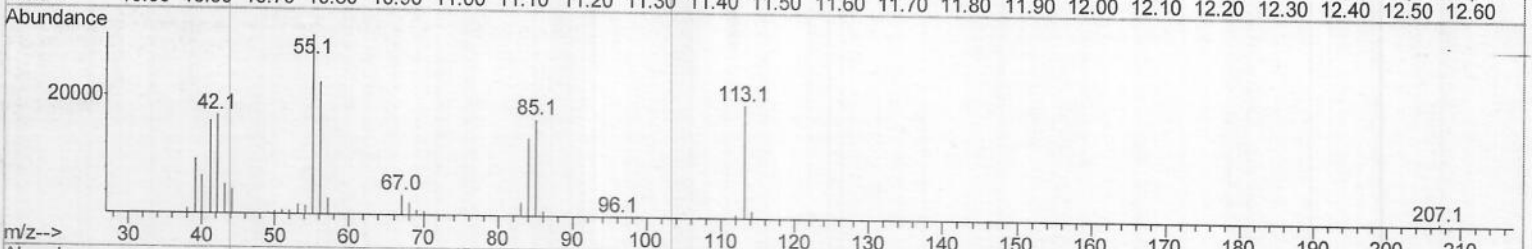

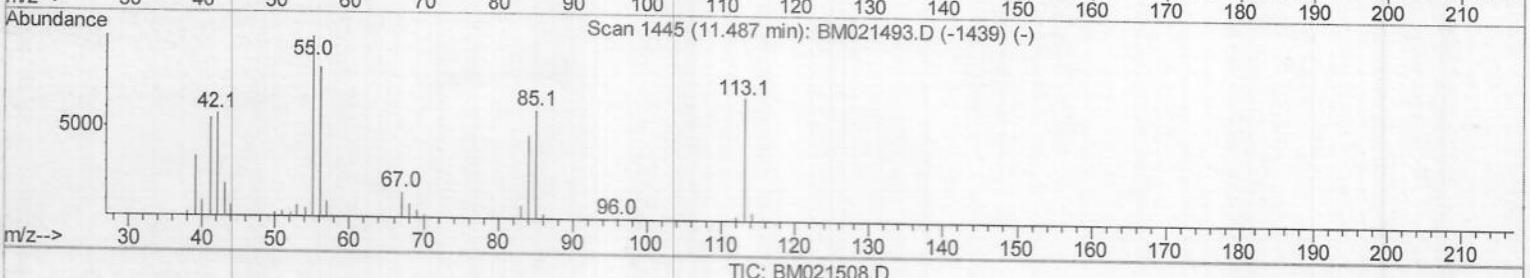

TIC: BM021508.D

(32) Caprolactam

11.480min (-0.006) 22.83ng/ul m JV 07/18/19

response 67858

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	156.28
56.00	116.00	116.30
0.00	0.00	0.00

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Manual Integrations APPROVED
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7/19/2019 4:00:52 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	315473	20.631 ng/ul	99
37) Hexachlorocyclopentadiene	12.50	237	146575	18.842 ng/ul#	96
38) 2,4,6-Trichlorophenol	12.79	196	183428	20.156 ng/ul	97
39) 2,4,5-Trichlorophenol	12.86	196	194850	20.201 ng/ul	98
40) 1,1'-Biphenyl	13.19	154	674414	20.494 ng/ul	99
41) 2-Chloronaphthalene	13.23	162	537638	20.386 ng/ul	98
42) 2-Nitroaniline	13.46	65	112941	19.599 ng/ul	92
44) Dimethylphthalate	13.83	163	642294	20.030 ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	111915	19.166 ng/ul	98
47) Acenaphthylene	14.09	152	763179	20.289 ng/ul	99
48) 3-Nitroaniline	14.29	138	98362	18.726 ng/ul	97
49) Acenaphthene	14.43	153	560865	20.519 ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	57685	16.427 ng/ul	92
52) 4-Nitrophenol	14.60	109	80079	19.701 ng/ul	95
53) Dibenzofuran	14.76	168	807271	20.388 ng/ul	96
54) 2,4-Dinitrotoluene	14.75	165	177372	19.805 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.99	232	171275	19.924 ng/ul#	97
56) Diethylphthalate	15.19	149	615848	20.004 ng/ul	99
58) Fluorene	15.42	166	651772	20.346 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.41	204	366673	20.482 ng/ul	99
60) 4-Nitroaniline	15.46	138	96198	17.837 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.51	198	98552	16.407 ng/ul#	98
64) N-Nitrosodiphenylamine	15.63	169	543068	20.324 ng/ul	99
65) 4-Bromophenyl-phenylether	16.31	248	224246	20.178 ng/ul	99
66) Hexachlorobenzene	16.41	284	269383	20.389 ng/ul	97
67) Atrazine	16.59	200	230121	23.312 ng/ul	98
68) Pentachlorophenol	16.77	266	133450	19.161 ng/ul	99
69) Phenanthrene	17.16	178	1029996	20.337 ng/ul	100
71) Anthracene	17.25	178	1043363	20.241 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.15	216	306911	20.844 ng/uL	99
73) Pentachlorobenzene	14.68	250	327568	21.596 ng/uL	98
74) Carbazole	17.53	167	862556	20.160 ng/ul	99
75) Di-n-butylphthalate	18.08	149	964428	19.675 ng/ul	99
76) Fluoranthene	19.17	202	1211753	20.149 ng/ul	99
79) Pyrene	19.54	202	1249365	20.467 ng/ul	98
80) Butylbenzylphthalate	20.44	149	395608	18.295 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.23	252	379195	18.490 ng/ul	99
82) Benzo(a)anthracene	21.29	228	1303105	20.630 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	585213	18.399 ng/ul	99
84) Chrysene	21.34	228	1228489	20.688 ng/ul	99
86) Di-n-octyl phthalate	22.10	149	1030976	18.367 ng/ul	100
87) Benzo(b)fluoranthene	22.88	252	1309703	20.227 ng/ul	100
88) Benzo(k)fluoranthene	22.92	252	1332476	20.660 ng/ul	99
90) Benzo(a)pyrene	23.46	252	1282950	20.513 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.82	276	1615617	20.912 ng/ul	100
92) Dibenzo(a,h)anthracene	25.84	278	1360526	20.949 ng/ul	99
93) Benzo(g,h,i)perylene	26.53	276	1342911	21.069 ng/ul	98

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

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Manual Integrations APPROVED
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7/19/2019 4:00:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	170740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	670350	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	393186	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	898204	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	922362	20.00	ng/ul	-0.01
85) Perylene-d12	23.56	264	1039067	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	28737	8.29	ng/uL	0.00
5) Phenol-d5	6.89	99	256321	19.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	150530	19.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	219367	19.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	206554	19.53	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	101319	18.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	108913	17.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	234644	18.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	256995	22.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	638939	18.55	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	831628	19.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	94253	17.27	ng/ul	0.00
57) Fluorene-d10	15.36	176	571467	18.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	94077	15.58	ng/ul	0.00
70) Anthracene-d10	17.22	188	902446	19.34	ng/ul	0.00
78) Pyrene-d10	19.51	212	967861	19.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	1075293	17.99	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	30389	8.342	ng/uL	95
4) Benzaldehyde	6.88	77	184314	25.716	ng/ul	99
6) Phenol	6.92	94	261086	20.547	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.16	93	203064	20.669	ng/ul	95
10) 2-Chlorophenol	7.29	128	225119	20.499	ng/ul	98
11) 2-Methylphenol	8.16	108	195798	20.221	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	259857	21.691	ng/ul	99
14) Acetophenone	8.55	105	335599	21.071	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	162903	20.397	ng/ul	95
16) 4-Methylphenol	8.49	108	210913	20.545	ng/ul	96
17) Hexachloroethane	8.78	117	103818	21.620	ng/ul	99
20) Nitrobenzene	8.93	77	260515	21.064	ng/ul	100
21) Isophorone	9.45	82	443869	20.248	ng/ul	98
23) 2-Nitrophenol	9.63	139	120565	19.390	ng/ul	94
24) 2,4-Dimethylphenol	9.69	107	245331	20.279	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	279134	20.414	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	228436	20.054	ng/ul	99
28) Naphthalene	10.55	128	711534	20.396	ng/ul	100
30) 4-Chloroaniline	10.68	127	257920	23.966	ng/ul	100
31) Hexachlorobutadiene	10.82	225	176578	20.975	ng/ul	99
32) Caprolactam	11.48	113	67858m	22.827	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	216382	20.408	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	515609	20.050	ng/ul	99

JU 07/18/19