Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022841.D
Acq On : 01 Oct 2019 00:47
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 01 01:22:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
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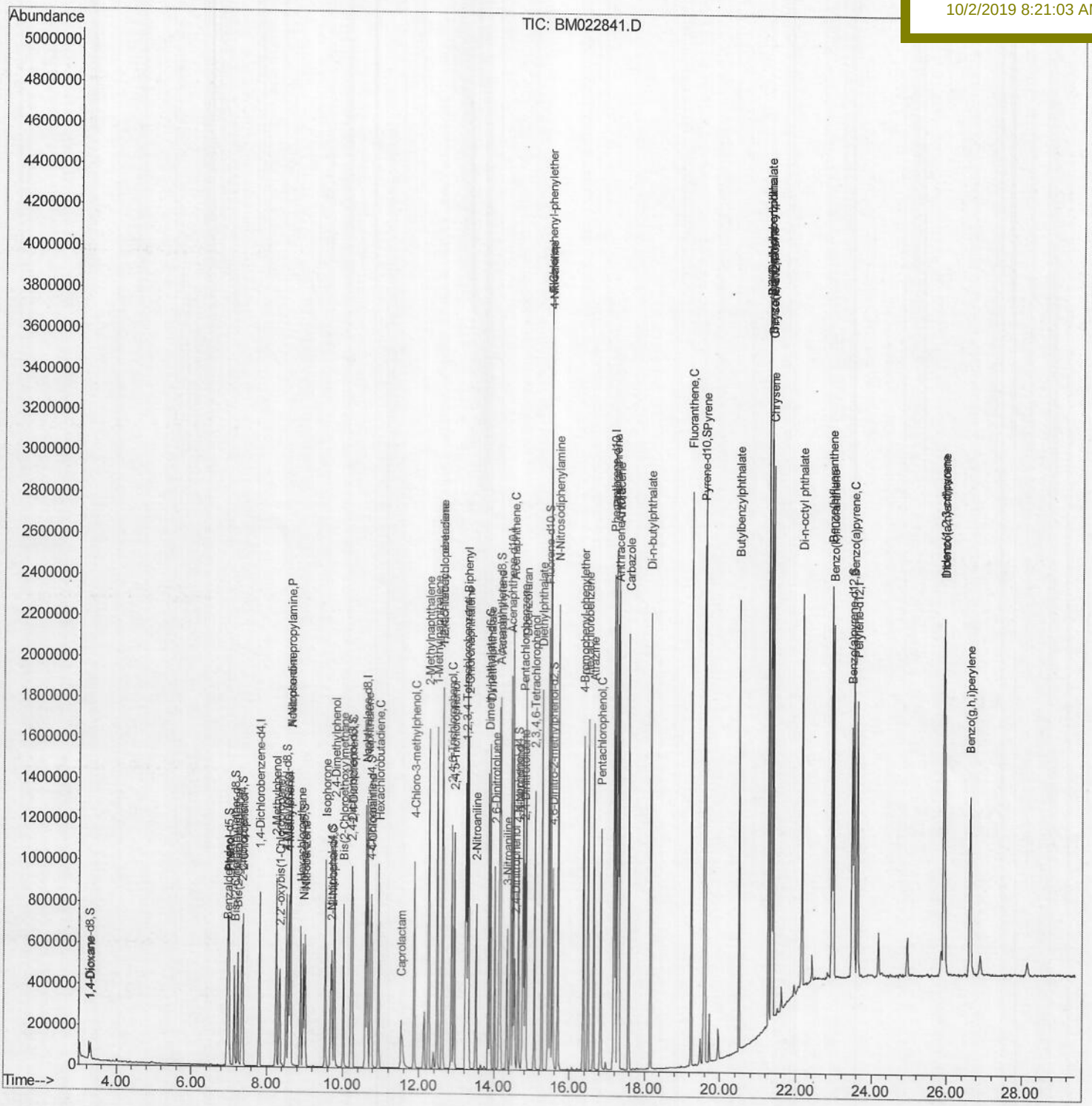
10/2/2019 8:21:03 AM



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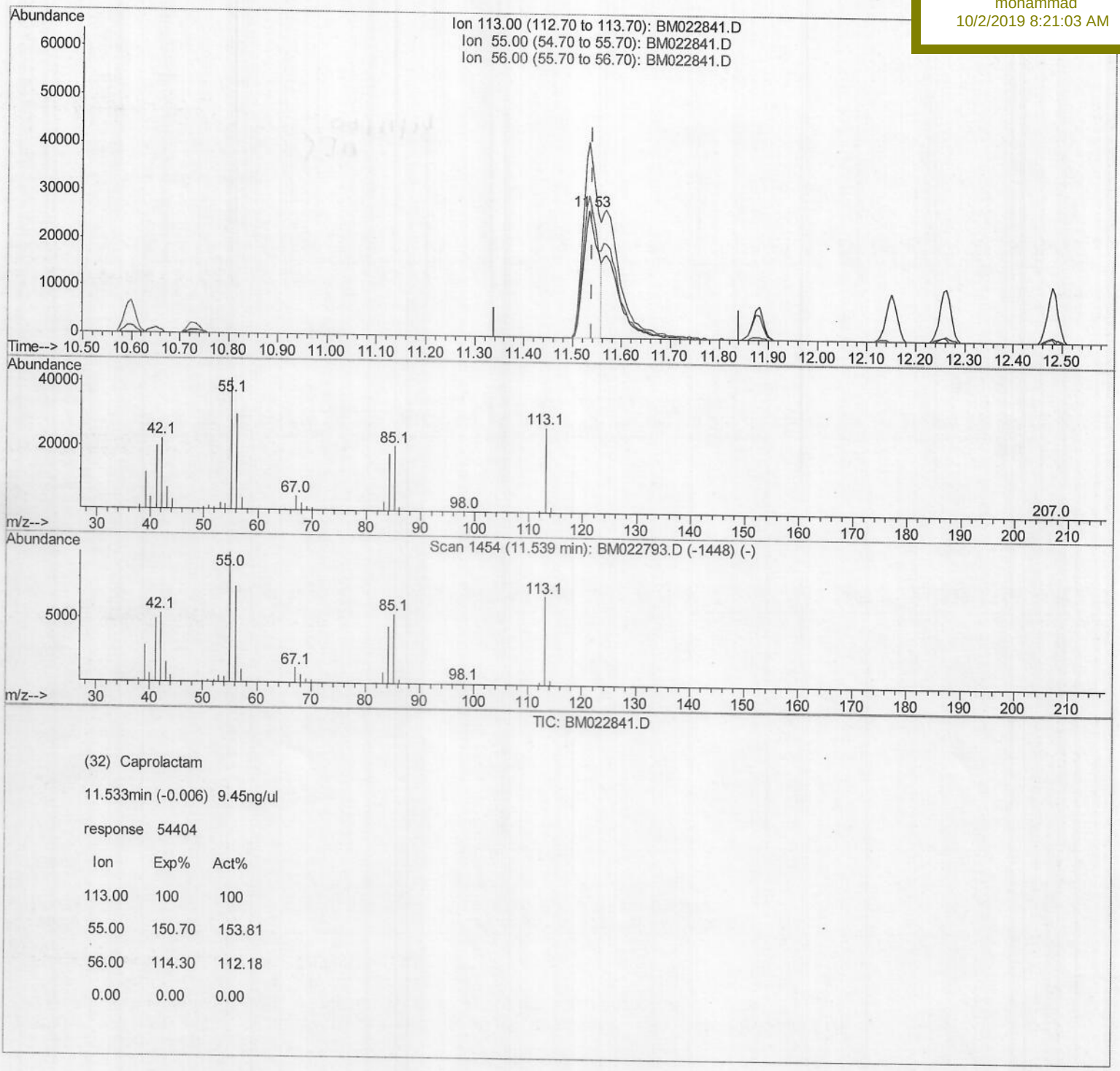

TIC: BM022841.D

(32) Caprolactam

11.533min (-0.006) 9.45ng/ul

response 54404

Ion	Exp%	Act%
113.00	100	100
55.00	150.70	153.81
56.00	114.30	112.18
0.00	0.00	0.00

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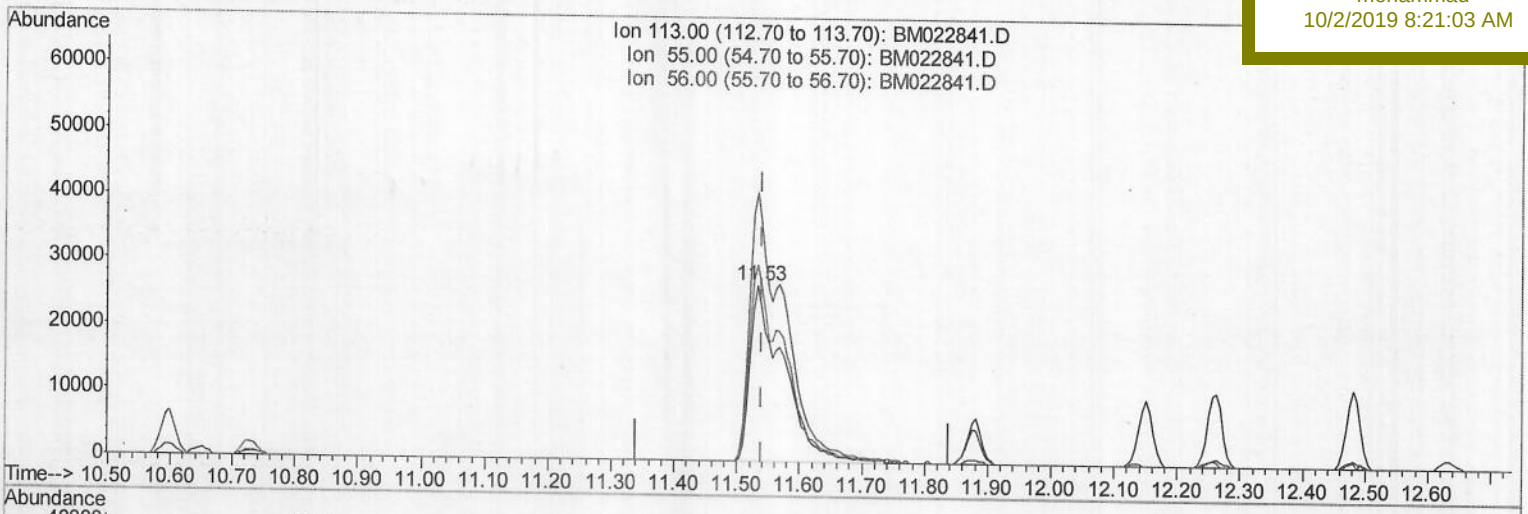

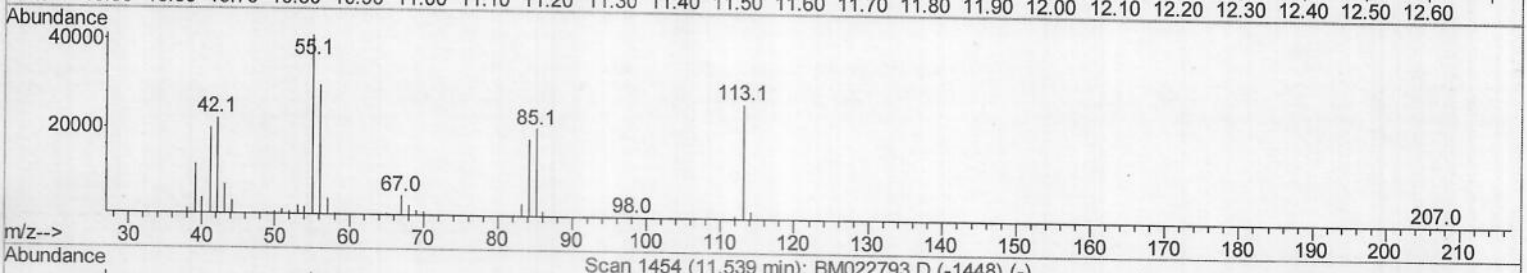

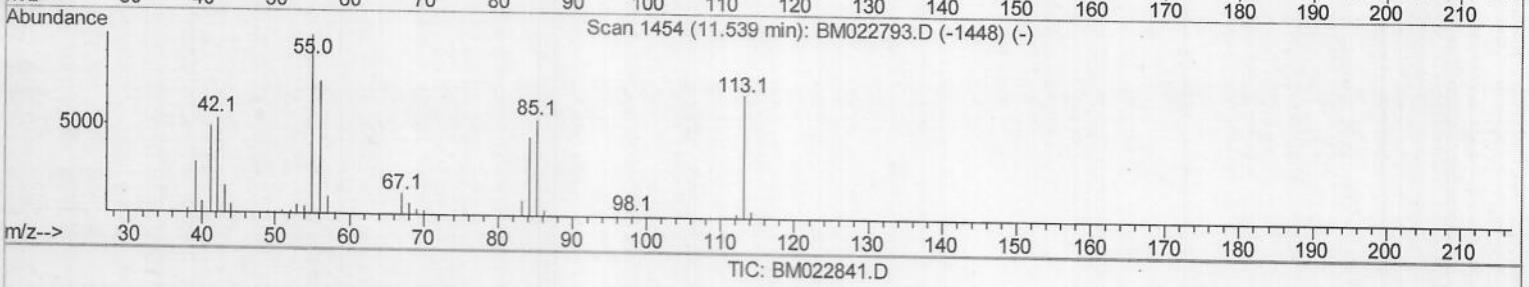

TIC: BM022841.D

(32) Caprolactam

11.533min (-0.006) 17.10ng/ul m > JU 10/01/19

response 98485

Ion	Exp%	Act%
113.00	100	100
55.00	150.70	153.81
56.00	114.30	112.18
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	7.80	152	232196	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1047380	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	672651	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.18	188	1333437	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1001964	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	930397	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	41320	7.70	ng/uL	0.00
5) Phenol-d5	6.97	99	378821	18.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	219126	19.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	312067	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	312789	18.62	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	150264	18.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	162267	18.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	332617	18.93	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	368402	17.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	966453	18.51	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1148723	19.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	177730	17.23	ng/ul	-0.01
58) Fluorene-d10	15.43	176	825933	18.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	139217	16.04	ng/ul	0.00
71) Anthracene-d10	17.28	188	1233845	18.95	ng/ul	0.00
79) Pyrene-d10	19.57	212	1227554	22.76	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	898808	18.67	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	41470	7.808	ng/uL	98
4) Benzaldehyde	6.95	77	138288	14.873	ng/ul	99
6) Phenol	7.00	94	403053	18.740	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	315891	19.420	ng/ul	99
10) 2-Chlorophenol	7.37	128	333672	18.828	ng/ul	99
11) 2-Methylphenol	8.25	108	309222	18.654	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.34	45	435567	20.252	ng/ul	99
14) Acetophenone	8.63	105	498320	19.406	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	259042	19.641	ng/ul	99
16) 4-Methylphenol	8.57	108	349426	19.064	ng/ul	98
17) Hexachloroethane	8.89	117	129418	19.216	ng/ul	100
20) Nitrobenzene	9.00	77	355190	18.823	ng/ul	99
21) Isophorone	9.53	82	710057	19.102	ng/ul	100
23) 2-Nitrophenol	9.71	139	190044	18.825	ng/ul	99
24) 2,4-Dimethylphenol	9.77	107	375819	19.120	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.01	93	459585	19.385	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	335928	18.885	ng/ul	100
28) Naphthalene	10.65	128	1077074	19.041	ng/ul	99
30) 4-Chloroaniline	10.75	127	392485	17.454	ng/ul	99
31) Hexachlorobutadiene	10.94	225	205001	19.048	ng/ul	99
32) Caprolactam	11.53	113	98485m	17.100	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	344780	18.827	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	809278	19.082	ng/ul	100

JU 10/04/19

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.48	142	770647	19.026 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.63	216	423172	19.175 ng/ul	100
38) Hexachlorocyclopentadiene	12.62	237	326662	23.616 ng/ul	99
39) 2,4,6-Trichlorophenol	12.87	196	275529	18.824 ng/ul	99
40) 2,4,5-Trichlorophenol	12.94	196	300995	18.855 ng/ul	97
41) 1,1'-Biphenyl	13.27	154	1052983	19.119 ng/ul	99
42) 2-Chloronaphthalene	13.32	162	800489	19.011 ng/ul	99
43) 2-Nitroaniline	13.52	65	205410	18.811 ng/ul	99
45) Dimethylphthalate	13.90	163	1003064	18.704 ng/ul	100
46) 2,6-Dinitrotoluene	14.01	165	198922	18.603 ng/ul	95
48) Acenaphthylene	14.16	152	1240197	19.060 ng/ul	100
49) 3-Nitroaniline	14.34	138	175627	16.933 ng/ul	100
50) Acenaphthene	14.50	153	857334	18.914 ng/ul	100
51) 2,4-Dinitrophenol	14.55	184	114576	16.790 ng/ul	98
53) 4-Nitrophenol	14.65	109	132263	17.545 ng/ul	98
54) Dibenzofuran	14.84	168	1215744	18.780 ng/ul	100
55) 2,4-Dinitrotoluene	14.80	165	286177	18.140 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.06	232	254883	18.147 ng/ul	94
57) Diethylphthalate	15.26	149	1002579	18.621 ng/ul	99
59) Fluorene	15.49	166	989011	18.905 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.48	204	502406	18.946 ng/ul	97
61) 4-Nitroaniline	15.50	138	189816	16.200 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.56	198	157685	16.249 ng/ul	99
65) N-Nitrosodiphenylamine	15.69	169	854193	19.490 ng/ul	100
66) 4-Bromophenyl-phenylether	16.37	248	310300	19.290 ng/ul	98
67) Hexachlorobenzene	16.49	284	346865	19.340 ng/ul	99
68) Atrazine	16.64	200	293283	18.303 ng/ul	98
69) Pentachlorophenol	16.83	266	200860	17.263 ng/ul	99
70) Phenanthrene	17.22	178	1509445	18.967 ng/ul	100
72) Anthracene	17.31	178	1547549	19.084 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.24	216	419621	20.165 ng/uL	98
74) Pentachlorobenzene	14.76	250	412595	19.863 ng/uL	100
75) Carbazole	17.58	167	1345246	18.666 ng/ul	100
76) Di-n-butylphthalate	18.14	149	1609645	18.943 ng/ul	100
77) Fluoranthene	19.23	202	1613534	18.027 ng/ul	98
80) Pyrene	19.60	202	1630677	22.959 ng/ul	98
81) Butylbenzylphthalate	20.50	149	622445	21.309 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.27	252	390171	17.094 ng/ul	100
83) Benzo(a)anthracene	21.34	228	1368066	19.018 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	863290	20.800 ng/ul	99
85) Chrysene	21.39	228	1266624	19.097 ng/ul	100
87) Di-n-octyl phthalate	22.16	149	1278558	20.206 ng/ul	100
88) Benzo(b)fluoranthene	22.94	252	1176517	19.055 ng/ul	100
89) Benzo(k)fluoranthene	22.99	252	1118300	18.932 ng/ul	100
91) Benzo(a)pyrene	23.52	252	1092909	18.867 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.92	276	1271281	20.662 ng/ul	100
93) Dibenzo(a,h)anthracene	25.93	278	1068933	20.768 ng/ul	99
94) Benzo(g,h,i)perylene	26.62	276	1053870	21.231 ng/ul	100

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

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