Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111319\
Data File : BN008524.D
Acq On : 13 Nov 2019 16:12
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 13 17:38:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 15:23:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02059

Manual Integrations APPROVED
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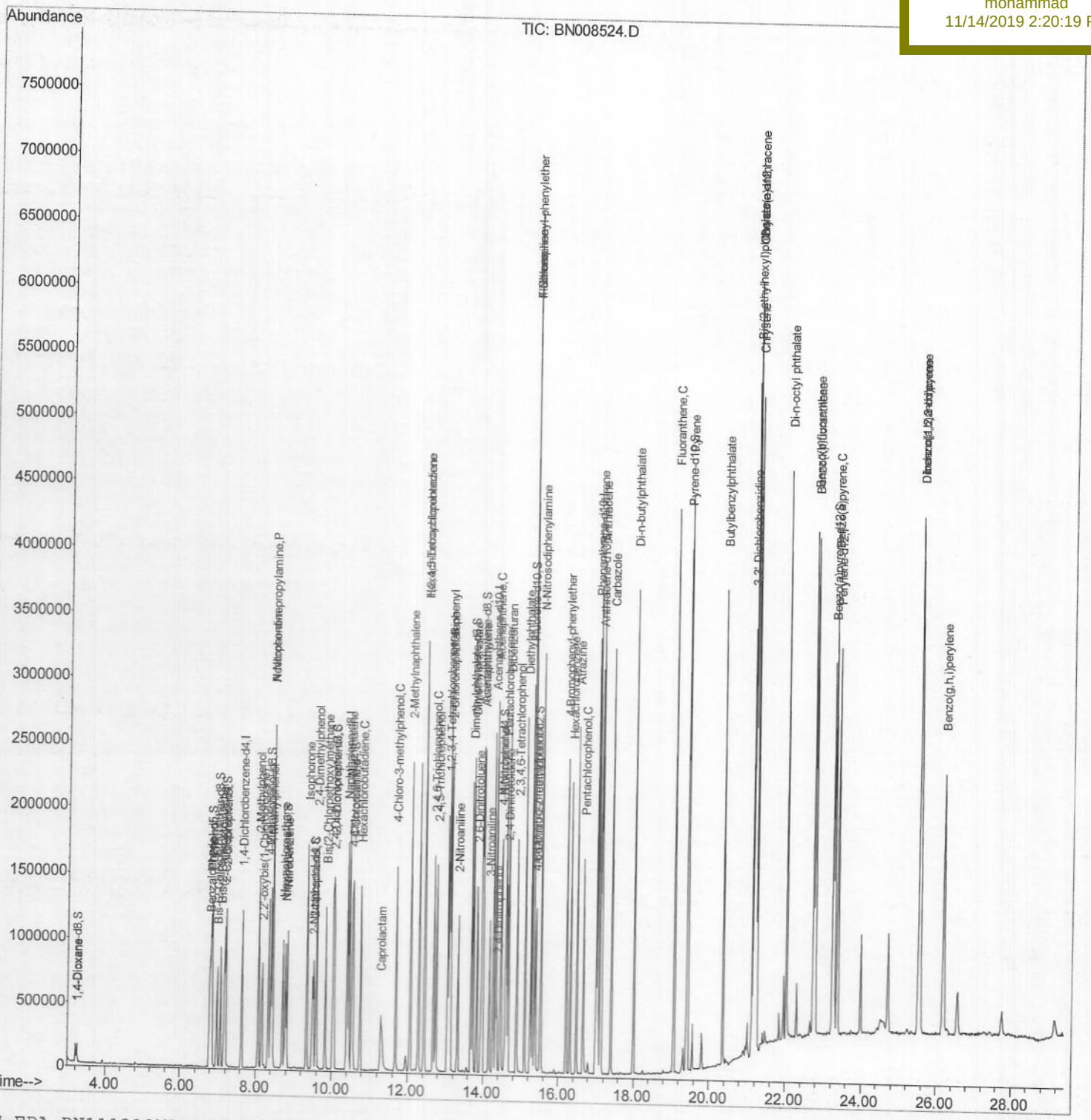
11/14/2019 2:20:19 PM



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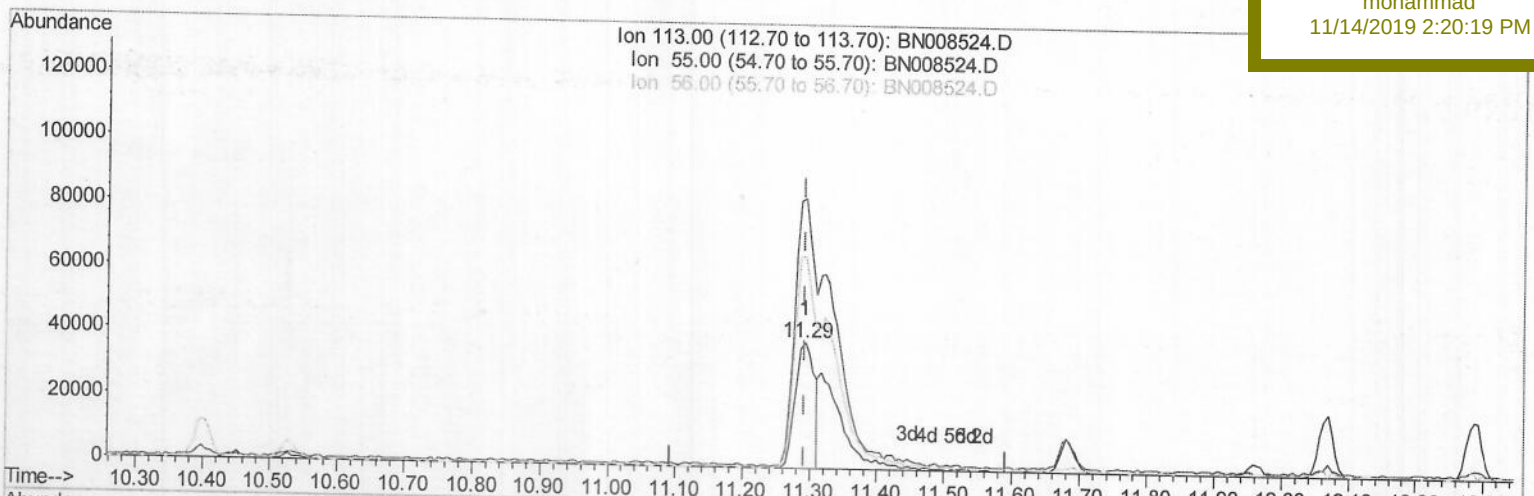

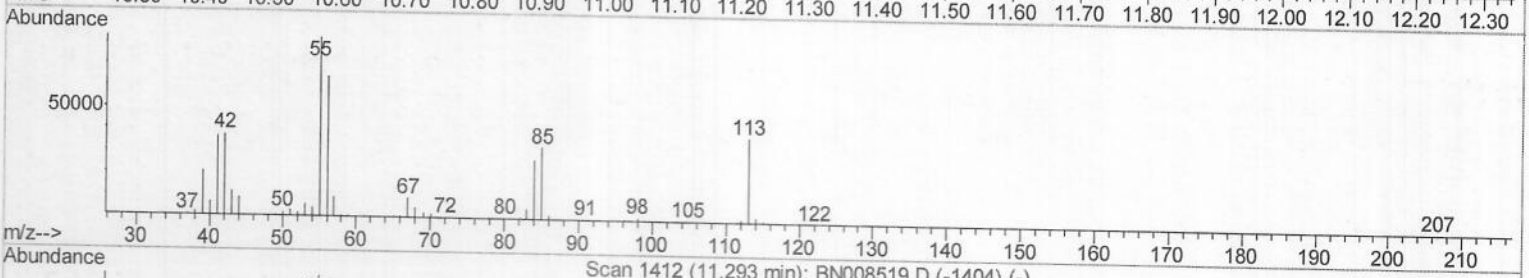

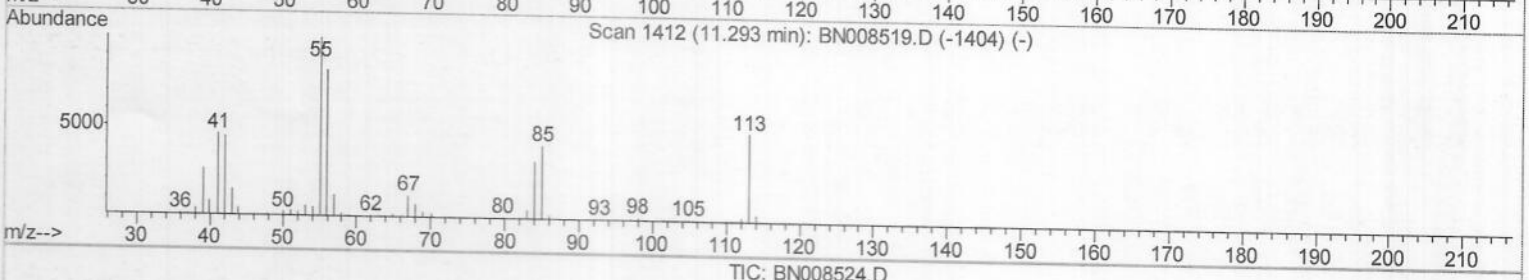

TIC: BN008524.D

(32) Caprolactam

11.293min (-0.000) 11.27ng/ul

response 77798

Ion	Exp%	Act%
113.00	100	100
55.00	204.80	214.78
56.00	166.90	168.37
0.00	0.00	0.00

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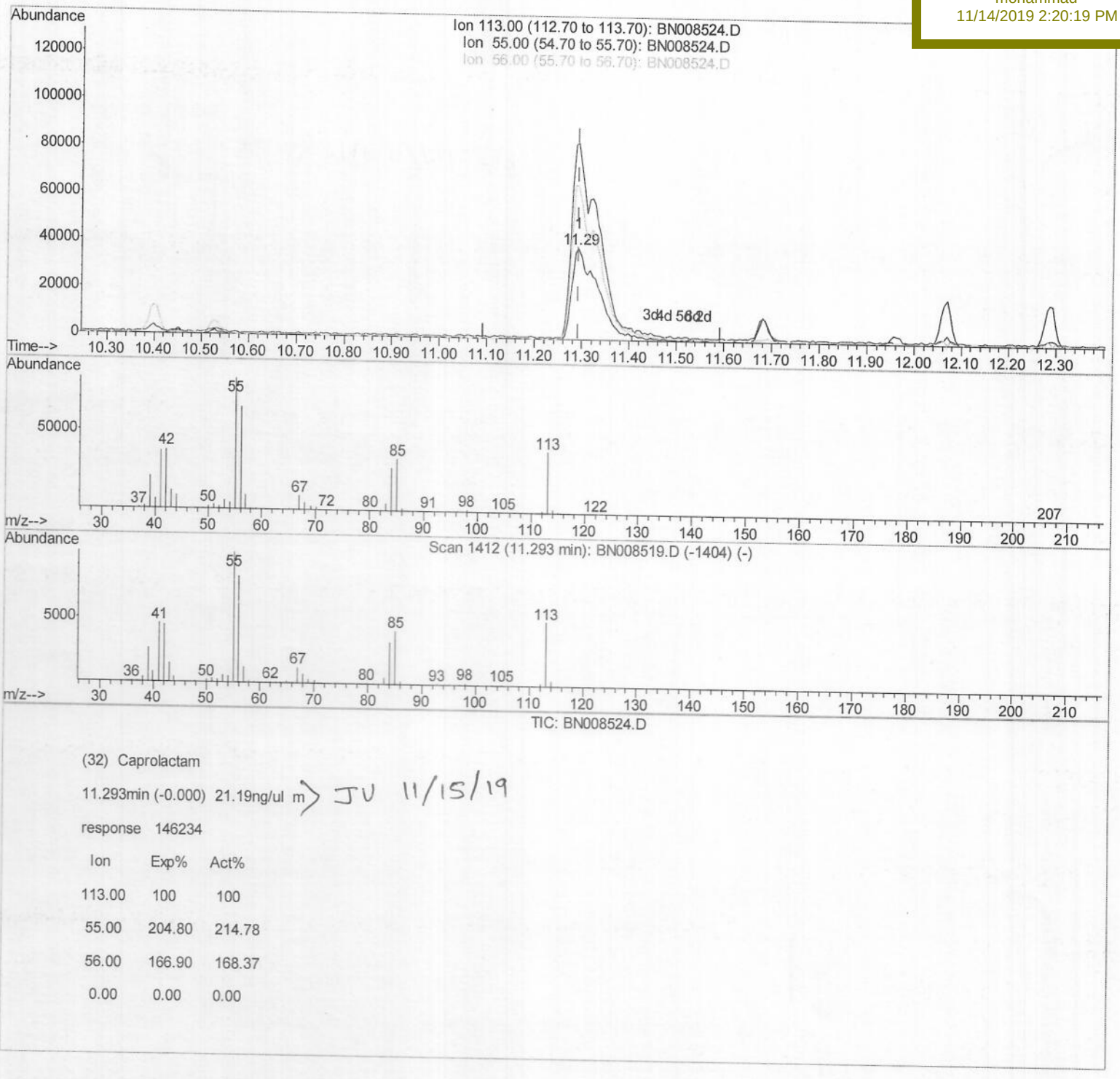

TIC: BN008524.D

(32) Caprolactam

11.293min (-0.000) 21.19ng/ul m > JV 11/15/19

response 146234

Ion	Exp%	Act%
113.00	100	100
55.00	204.80	214.78
56.00	166.90	168.37
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	7.63	152	301062	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1308525	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	874623	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1824083	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1769677	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	1959974	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	56306	7.58	ng/uL	0.00
5) Phenol-d5	6.81	99	549079	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	335365	20.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	417053	20.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	441153	21.49	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	184628	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	185488	22.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	439323	20.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	556987	22.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	1376213	19.88	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1572026	19.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	225522	21.02	ng/ul	0.00
57) Fluorene-d10	15.26	176	1114999	19.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	143925	20.67	ng/ul	0.00
70) Anthracene-d10	17.10	188	1784198	20.64	ng/ul	0.00
78) Pyrene-d10	19.40	212	1987761	19.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2006897	19.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	56378	7.519	ng/uL	99
4) Benzaldehyde	6.78	77	270914	17.909	ng/ul	98
6) Phenol	6.84	94	590415	21.650	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.07	93	454628	21.732	ng/ul	93
10) 2-Chlorophenol	7.20	128	444984	21.405	ng/ul	97
11) 2-Methylphenol	8.08	108	441177	21.572	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	751363	21.786	ng/ul	99
14) Acetophenone	8.45	105	732239	22.116	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.44	70	385248	22.228	ng/ul	98
16) 4-Methylphenol	8.40	108	483102	21.866	ng/ul	97
17) Hexachloroethane	8.71	117	185239	20.816	ng/ul	98
20) Nitrobenzene	8.82	77	531394	21.670	ng/ul	96
21) Isophorone	9.34	82	1097500	21.200	ng/ul	99
23) 2-Nitrophenol	9.52	139	220334	23.315	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	563528	20.924	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	639900	21.196	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	444229	21.411	ng/ul	96
28) Naphthalene	10.45	128	1438520	20.895	ng/ul	99
30) 4-Chloroaniline	10.55	127	580107	22.663	ng/ul	97
31) Hexachlorobutadiene	10.75	225	286520	20.448	ng/ul	98
32) Caprolactam	11.29	113	146234m	21.190	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	523903	21.242	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	1063054	21.024	ng/ul	98

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11/14/2019 2:20:19 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	551351	20.676 ng/ul	99
37) Hexachlorocyclopentadiene	12.43	237	431435	27.275 ng/ul	97
38) 2,4,6-Trichlorophenol	12.68	196	353911	21.597 ng/ul	96
39) 2,4,5-Trichlorophenol	12.75	196	386244	22.054 ng/ul	96
40) 1,1'-Biphenyl	13.09	154	1370667	20.343 ng/ul	99
41) 2-Chloronaphthalene	13.13	162	1056093	20.437 ng/ul	99
42) 2-Nitroaniline	13.32	65	327526	23.584 ng/ul	98
44) Dimethylphthalate	13.73	163	1391541	20.761 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	238069	23.609 ng/ul	96
47) Acenaphthylene	13.98	152	1667552	20.919 ng/ul	99
48) 3-Nitroaniline	14.16	138	232010	22.077 ng/ul#	95
49) Acenaphthene	14.33	153	1125668	20.501 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	103918	22.444 ng/ul	96
52) 4-Nitrophenol	14.47	109	227909	21.634 ng/ul	96
53) Dibenzofuran	14.66	168	1647618	20.766 ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	346186	23.286 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	323933	22.438 ng/ul	95
56) Diethylphthalate	15.10	149	1417998	20.567 ng/ul	99
58) Fluorene	15.31	166	1309855	20.878 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	649612	20.803 ng/ul	95
60) 4-Nitroaniline	15.32	138	251401	20.066 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.39	198	165969	21.337 ng/ul#	99
64) N-Nitrosodiphenylamine	15.53	169	1176048	21.528 ng/ul	98
65) 4-Bromophenyl-phenylether	16.21	248	412820	21.882 ng/ul	99
66) Hexachlorobenzene	16.32	284	435325	21.819 ng/ul	99
67) Atrazine	16.49	200	445991	22.398 ng/ul	99
68) Pentachlorophenol	16.66	266	255958	22.410 ng/ul	95
69) Phenanthrene	17.05	178	2119136	21.448 ng/ul	100
71) Anthracene	17.13	178	2185876	21.650 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	545812	21.615 ng/uL	98
73) Pentachlorobenzene	14.59	250	527083	21.369 ng/uL	97
74) Carbazole	17.40	167	1966858	21.801 ng/ul	100
75) Di-n-butylphthalate	18.00	149	2452685	21.699 ng/ul	99
76) Fluoranthene	19.06	202	2500738	22.033 ng/ul	99
79) Pyrene	19.43	202	2546790	20.106 ng/ul	99
80) Butylbenzylphthalate	20.36	149	1003266	21.432 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.12	252	859735	20.826 ng/ul	95
82) Benzo(a)anthracene	21.19	228	2567275	20.633 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	1618240	21.086 ng/ul	98
84) Chrysene	21.24	228	2384893	20.466 ng/ul	98
86) Di-n-octyl phthalate	22.03	149	2727580	21.416 ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	2587346	21.153 ng/ul	98
88) Benzo(k)fluoranthene	22.77	252	2356171	20.462 ng/ul	99
90) Benzo(a)pyrene	23.29	252	2371784	20.390 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.54	276	2723827	20.452 ng/ul	99
92) Dibenzo(a,h)anthracene	25.56	278	2278000	20.365 ng/ul	97
93) Benzo(g,h,i)perylene	26.19	276	2306687	20.639 ng/ul	97

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