Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN111319\
Data File : BN008521.D
Acq On : 13 Nov 2019 14:12
Operator : JU
Sample : SSTD08056
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 15:01:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 13:19:32 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD08056

Manual Integrations APPROVED
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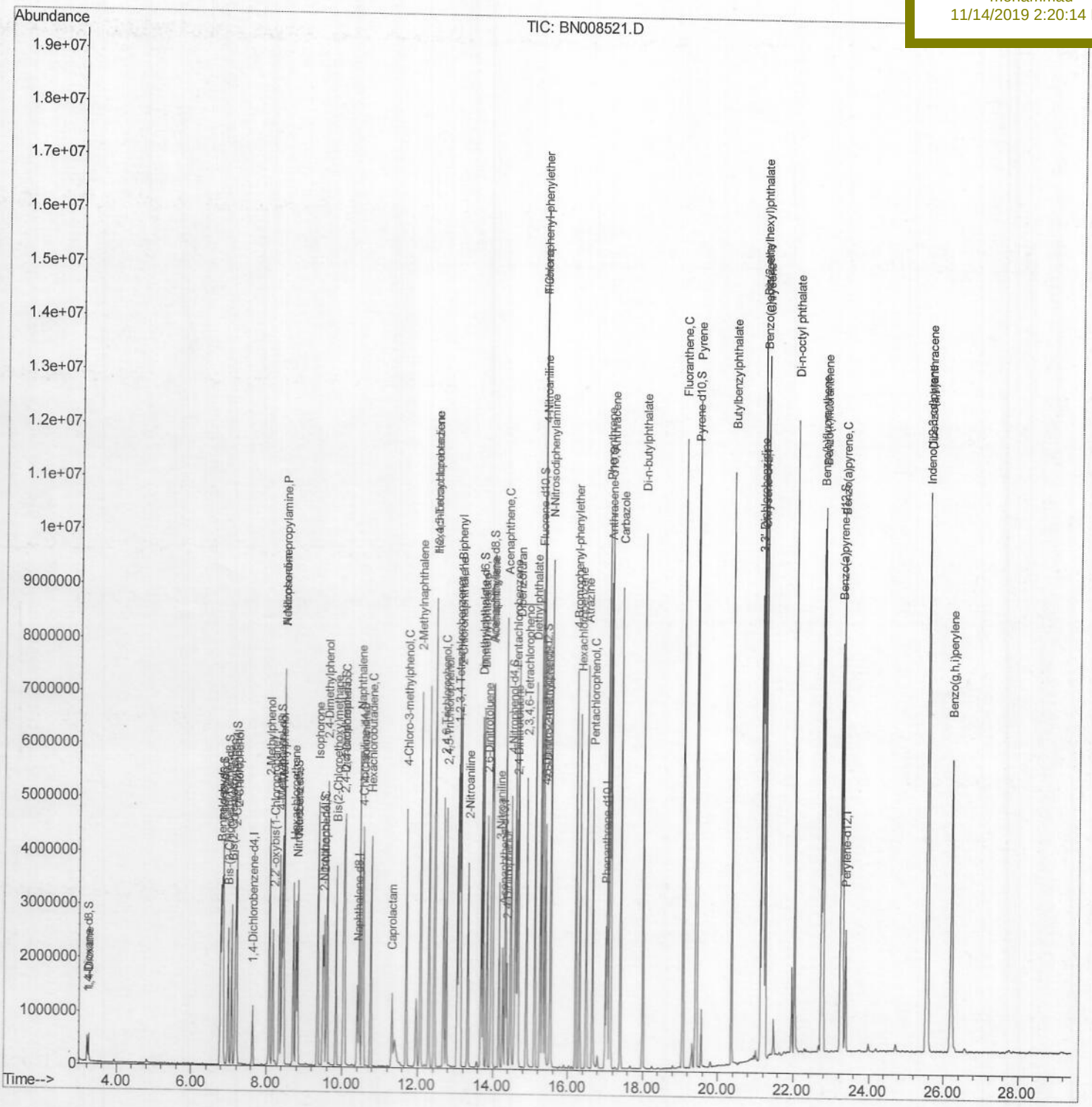

Quantitation Report (Qedit)

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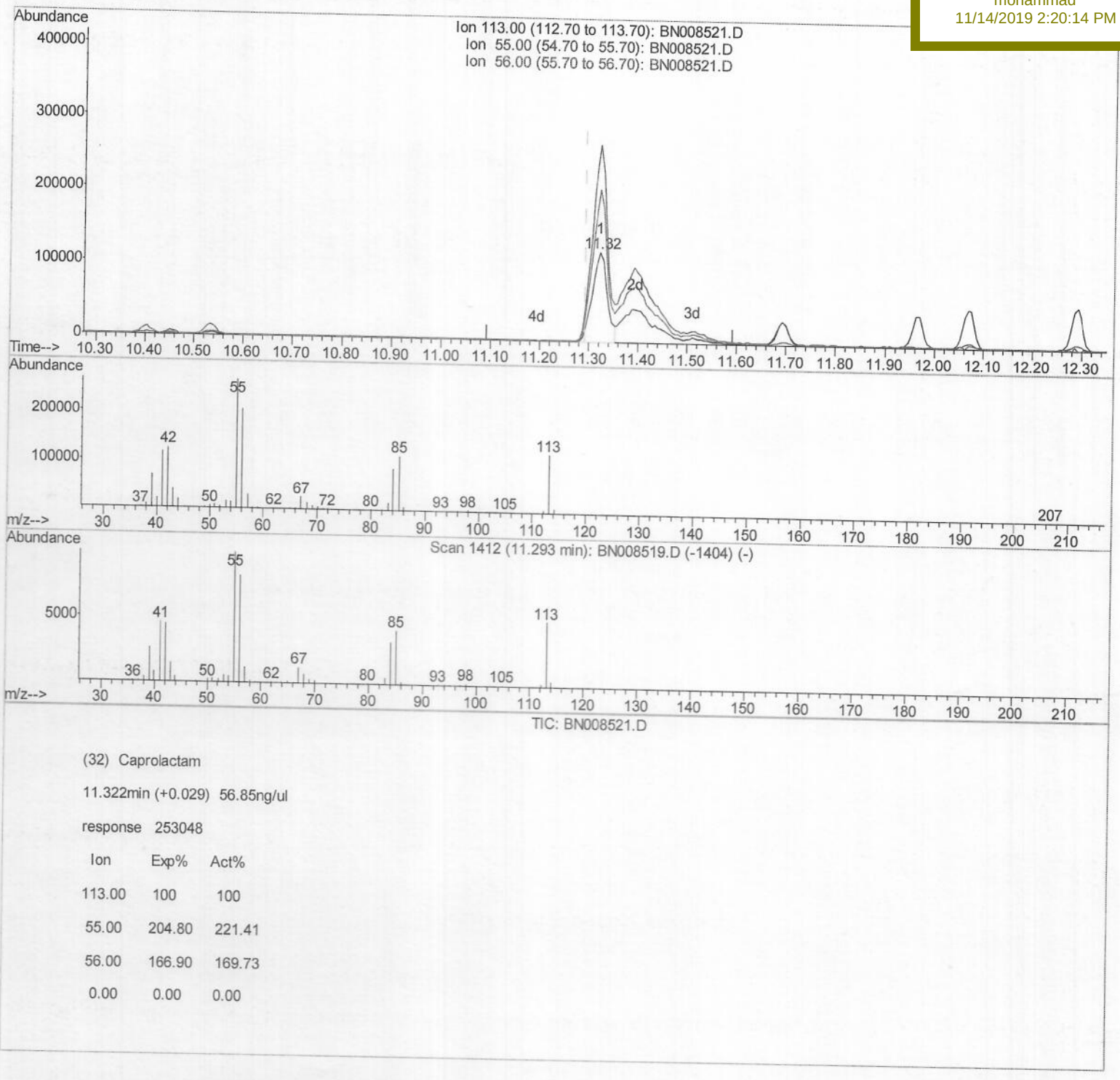

(32) Caprolactam

11.322min (+0.029) 56.85ng/ul

response 253048

Ion	Exp%	Act%
113.00	100	100
55.00	204.80	221.41
56.00	166.90	169.73
0.00	0.00	0.00

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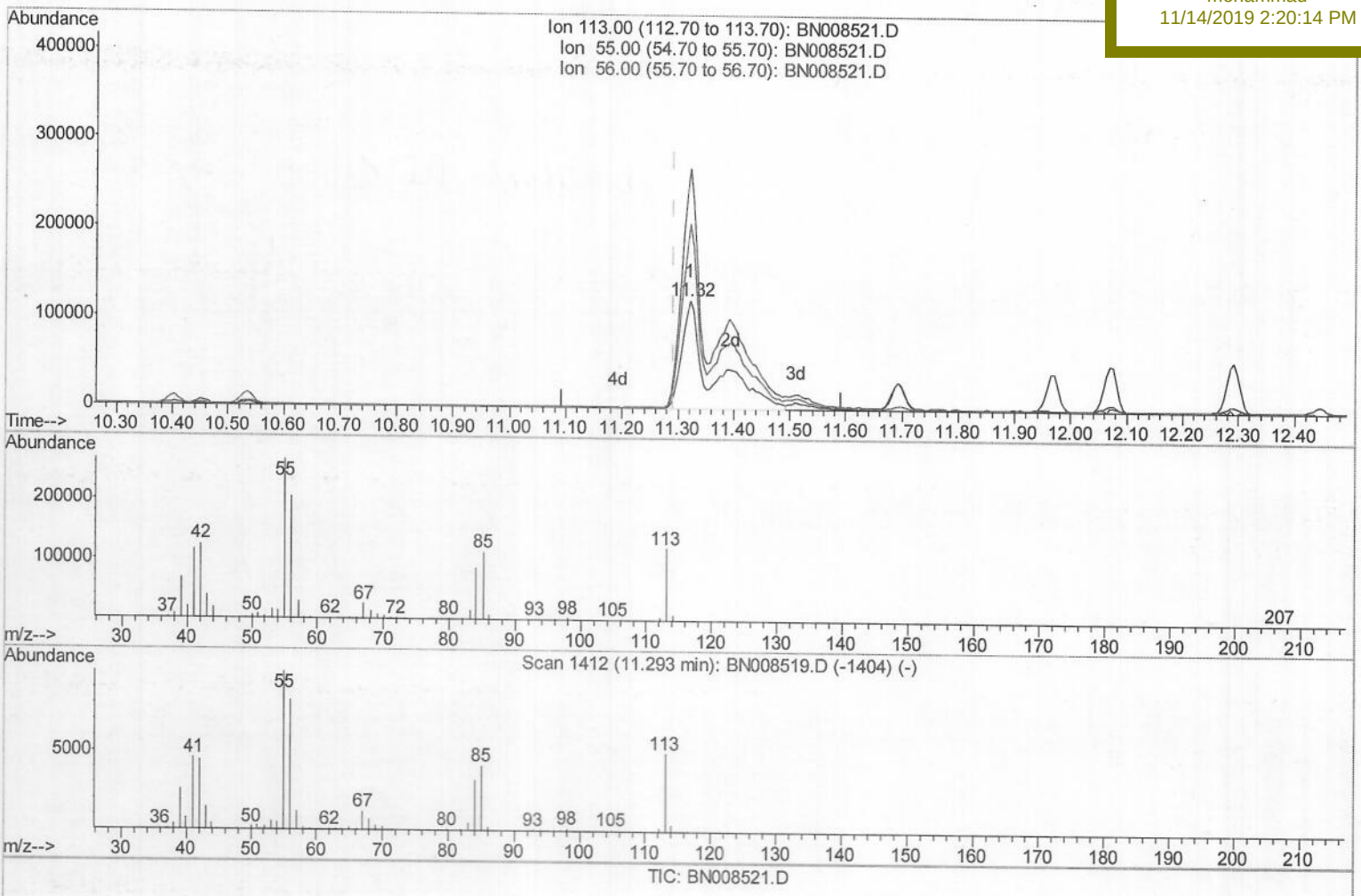

(32) Caprolactam

11.322min (+0.029) 104.51ng/ul m> JU 11/15/19

response 465207

Ion	Exp%	Act%
113.00	100	100
55.00	204.80	221.41
56.00	166.90	169.73
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	7.64	152	265925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1114296	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	714592	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1519405	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1319155	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1485357	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	193832	32.01	ng/uL	0.00
5) Phenol-d5	6.82	99	1867598	82.93	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.99	67	1124627	81.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	1410754	85.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	1460014	84.53	ng/ul	0.01
19) Nitrobenzene-d5	8.78	128	645981	118.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	668374	103.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	1452366	79.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	1699235	94.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	4194610	76.85	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	4850482	75.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	745771	112.28	ng/ul	0.02
57) Fluorene-d10	15.26	176	3435751	69.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	555104	67.17	ng/ul	0.01
70) Anthracene-d10	17.10	188	5288367	71.33	ng/ul	0.00
78) Pyrene-d10	19.40	212	5721207	82.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	5888973	77.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	201140	29.556	ng/uL	99
4) Benzaldehyde	6.79	77	1045102	70.508	ng/ul	99
6) Phenol	6.85	94	1880178	77.530	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	1420243	79.184	ng/ul	97
10) 2-Chlorophenol	7.21	128	1433842	83.574	ng/ul	98
11) 2-Methylphenol	8.08	108	1411304	81.852	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.18	45	2340448	129.210	ng/ul	99
14) Acetophenone	8.45	105	2234367	73.685	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	1159043	85.461	ng/ul	97
16) 4-Methylphenol	8.41	108	1514316	80.214	ng/ul	92
17) Hexachloroethane	8.71	117	606812	80.535	ng/ul	97
20) Nitrobenzene	8.82	77	1699215	101.330	ng/ul	96
21) Isophorone	9.35	82	3344334	78.620	ng/ul	100
23) 2-Nitrophenol	9.53	139	727426	103.149	ng/ul	96
24) 2,4-Dimethylphenol	9.60	107	1761662	81.896	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	1935510	85.206	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	1368274	78.783	ng/ul	94
28) Naphthalene	10.45	128	4385702	73.497	ng/ul	99
30) 4-Chloroaniline	10.56	127	1703762	90.991	ng/ul	98
31) Hexachlorobutadiene	10.76	225	892106	56.128	ng/ul	99
32) Caprolactam	11.32	113	465207m	104.508	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	1633642	85.250	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	3187109	75.258	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	1656812	60.921 ng/ul	99
37) Hexachlorocyclopentadiene	12.44	237	1016276	98.346 ng/ul	100
38) 2,4,6-Trichlorophenol	12.69	196	1074271	74.302 ng/ul	97
39) 2,4,5-Trichlorophenol	12.76	196	1164711	75.138 ng/ul	97
40) 1,1'-Biphenyl	13.10	154	4066825	73.228 ng/ul	100
41) 2-Chloronaphthalene	13.13	162	3123733	72.568 ng/ul	98
42) 2-Nitroaniline	13.33	65	1063375	171.354 ng/ul	94
44) Dimethylphthalate	13.73	163	4032797	74.994 ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	779684	116.191 ng/ul	91
47) Acenaphthylene	13.98	152	4793735	73.798 ng/ul	99
48) 3-Nitroaniline	14.16	138	726567	109.222 ng/ul#	94
49) Acenaphthene	14.33	153	3319811	72.162 ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	346412	63.671 ng/ul	95
52) 4-Nitrophenol	14.48	109	689145	96.943 ng/ul	97
53) Dibenzofuran	14.67	168	4716672	69.894 ng/ul	97
54) 2,4-Dinitrotoluene	14.63	165	1117276	103.544 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.89	232	962687	64.864 ng/ul	98
56) Diethylphthalate	15.12	149	4155696	83.976 ng/ul	99
58) Fluorene	15.32	166	3590000	65.366 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	1802207	57.546 ng/ul	98
60) 4-Nitroaniline	15.33	138	814898	114.385 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.40	198	584741	66.309 ng/ul#	97
64) N-Nitrosodiphenylamine	15.53	169	3329641	83.656 ng/ul	97
65) 4-Bromophenyl-phenylether	16.21	248	1206322	66.052 ng/ul	96
66) Hexachlorobenzene	16.32	284	1273949	61.304 ng/ul	99
67) Atrazine	16.49	200	1299647	83.084 ng/ul	100
68) Pentachlorophenol	16.66	266	793874	65.842 ng/ul	95
69) Phenanthrene	17.05	178	5988414	71.416 ng/ul	99
71) Anthracene	17.14	178	6110958	72.717 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	1659715	66.028 ng/uL	100
73) Pentachlorobenzene	14.59	250	1567953	62.056 ng/uL	97
74) Carbazole	17.40	167	5632213	78.612 ng/ul	100
75) Di-n-butylphthalate	18.00	149	7017162	107.068 ng/ul	99
76) Fluoranthene	19.07	202	7039031	65.517 ng/ul	98
79) Pyrene	19.43	202	7010497	81.258 ng/ul	99
80) Butylbenzylphthalate	20.36	149	3034360	165.748 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.13	252	2405204	111.017 ng/ul	94
82) Benzo(a)anthracene	21.19	228	6725351	75.023 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	4500352	152.536 ng/ul#	97
84) Chrysene	21.24	228	6381616	73.580 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	7896553	135.744 ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	7004877	75.020 ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	6505531	68.373 ng/ul	99
90) Benzo(a)pyrene	23.30	252	6684954	76.352 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.55	276	7705106	73.386 ng/ul	99
92) Dibenzo(a,h)anthracene	25.57	278	6389817	73.314 ng/ul	98
93) Benzo(g,h,i)perylene	26.21	276	6571913	74.712 ng/ul	99

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