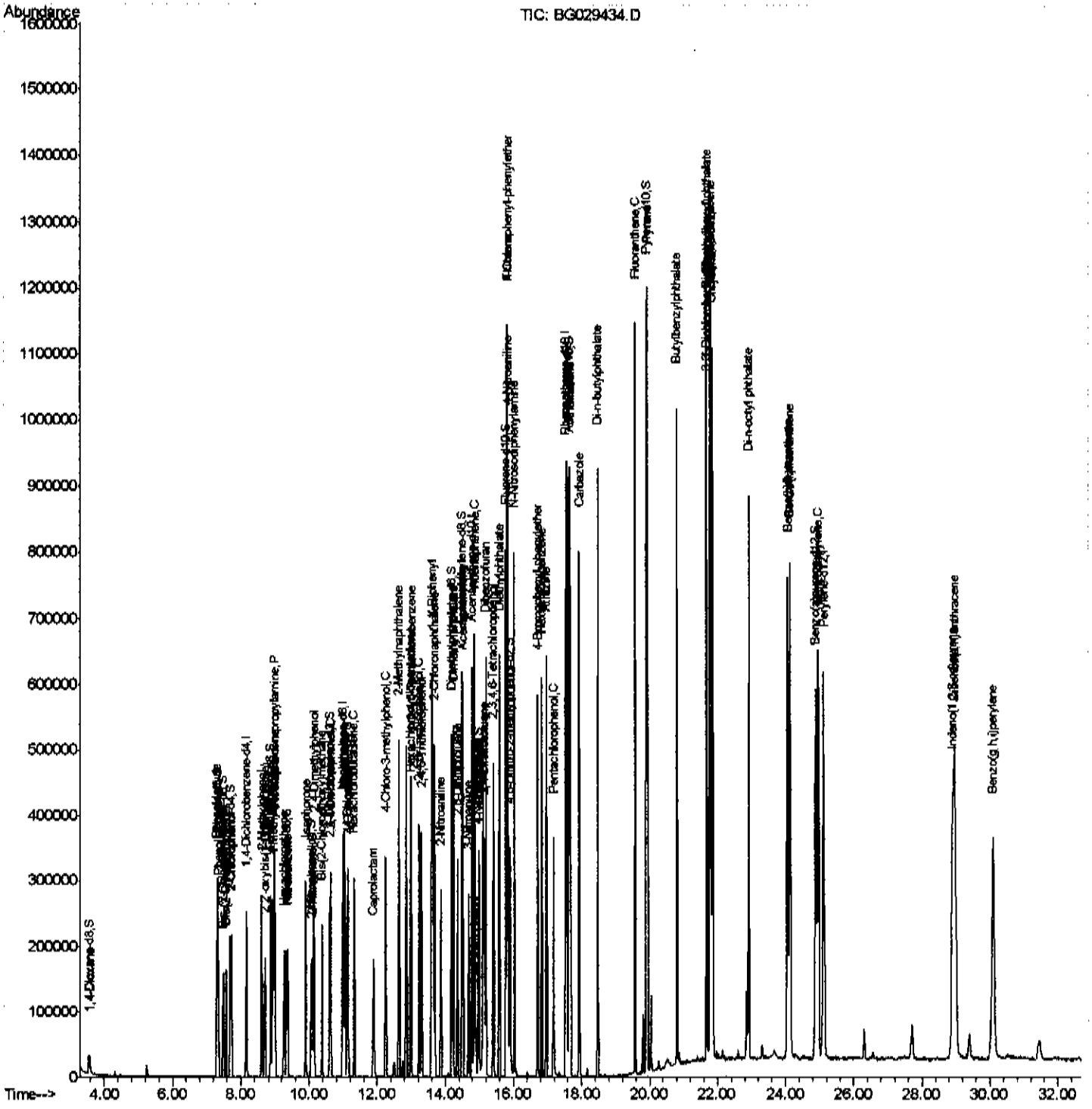
Instrument :
BNA_G
LabSampleId :
SSTD02073

Manual Integrations APPROVED
Sohil
10/27/2017 5:31:59 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029434.D
Acq On : 25 Oct 2017 9:20
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 26 05:45:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 23:55:53 2017
Response via : Initial Calibration



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Quant Title : SVOA CALIBRATION
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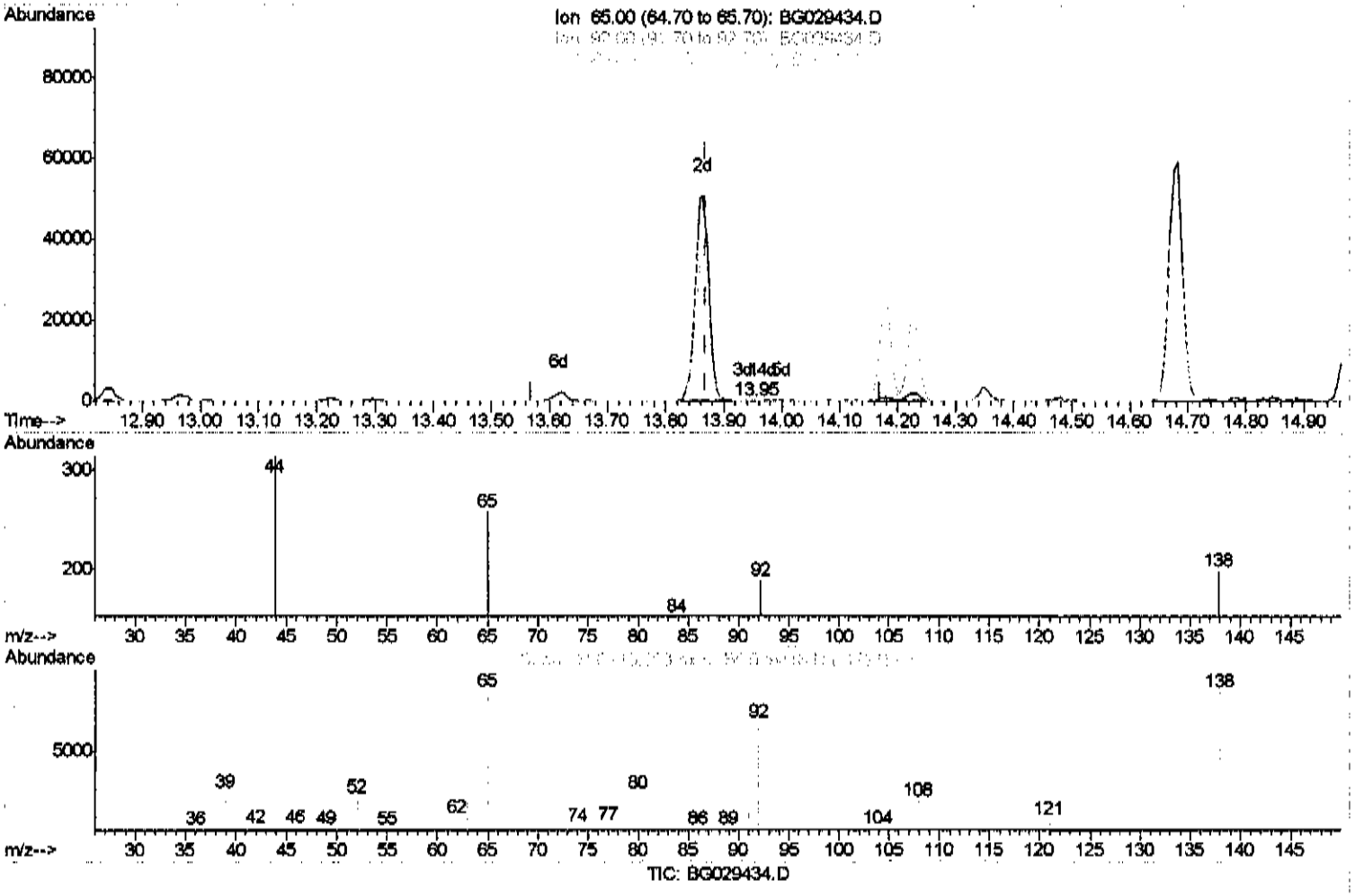
Response via : Initial Calibration



TIC: BG029434.D

(42) 2-Nitroaniline

13.952min (+0.082) 0.04ng/ul

response 163

Ion	Exp%	Act%
65.00	100	100
92.00	69.10	73.26
138.00	87.90	77.13
0.00	0.00	0.00

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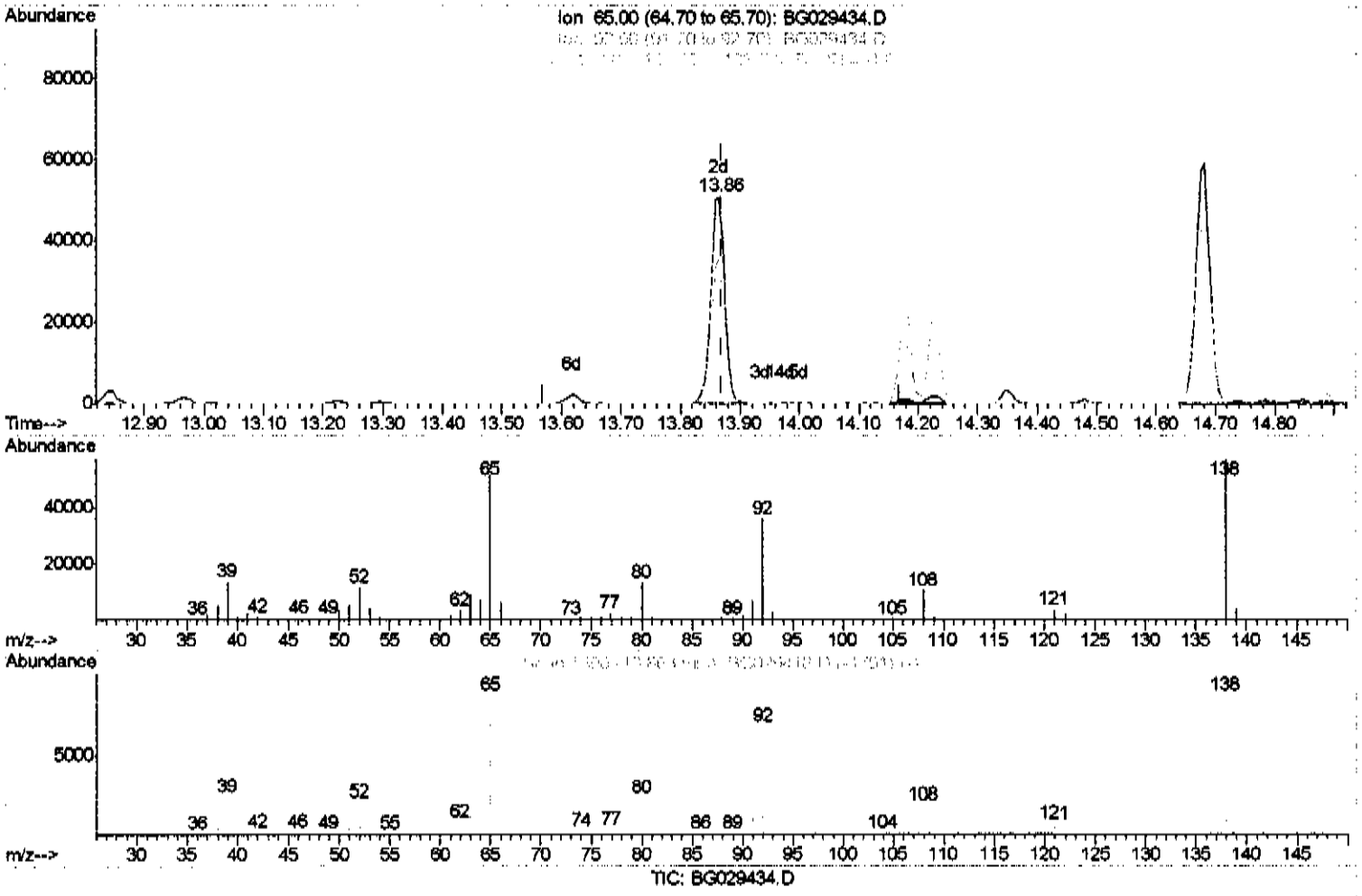

(42) 2-Nitroaniline

13.864min (-0.007) 18.94ng/ul m JU 10/28/17

response 83520

Ion	Exp%	Act%
65.00	100	100
92.00	69.10	70.36
138.00	87.90	111.76#
0.00	0.00	0.00

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72143	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.99	136	329763	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	225557	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	564877	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	609011	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	620732	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	14192	8.00	ng/uL	0.00
5) Phenol-d5	7.31	99	130131	18.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	75002	17.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	105227	21.54	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	109333	19.55	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	51027	21.55	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	61029	25.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	114657	20.74	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	148407	23.11	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	373322	19.36	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	458738	19.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	64266	18.05	ng/ul	-0.01
57) Fluorene-d10	15.77	176	362867	22.98	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.89	200	59957	21.74	ng/ul	0.00
70) Anthracene-d10	17.62	188	557298	20.86	ng/ul	0.00
76) Pyrene-d10	19.89	212	640297	20.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	603505	20.53	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	14746	6.81	ng/uL	90
4) Benzaldehyde	7.30	77	75670	17.69	ng/ul	93
6) Phenol	7.34	94	131549	18.36	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.57	93	94830	17.39	ng/ul	90
10) 2-Chlorophenol	7.72	128	97989	19.62	ng/ul	92
11) 2-Methylphenol	8.60	108	98831	18.45	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.70	45	154251	19.30	ng/ul	98
14) Acetophenone	8.99	105	151972	17.79	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.97	70	79767	16.85	ng/ul#	97
16) 4-Methylphenol	8.93	108	108275	18.55	ng/ul	96
17) Hexachloroethane	9.26	117	38028	19.07	ng/ul	95
20) Nitrobenzene	9.37	77	115828	17.95	ng/ul#	87
21) Isophorone	9.89	82	226288	16.59	ng/ul	97
23) 2-Nitrophenol	10.09	139	61036	22.68	ng/ul#	78
24) 2,4-Dimethylphenol	10.14	107	118462	18.10	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.37	93	136788	16.66	ng/ul	99
27) 2,4-Dichlorophenol	10.63	162	113006	21.35	ng/ul	98
28) Naphthalene	11.03	128	322964	18.51	ng/ul	99
30) 4-Chloroaniline	11.14	127	143434	22.82	ng/ul	98
31) Hexachlorobutadiene	11.31	225	73812	22.33	ng/ul	94
32) Caprolactam	11.88	113	41755	18.43	ng/ul	99
33) 4-Chloro-3-methylphenol	12.24	107	121651	19.59	ng/ul#	93
34) 2-Methylnaphthalene	12.62	142	256302	17.74	ng/ul	93

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36) 1,2,4,5-Tetrachlorobenzene	12.99	216	146562	21.93 ng/ul	93
37) Hexachlorocyclopentadiene	12.97	237	64751	18.38 ng/ul	96
38) 2,4,6-Trichlorophenol	13.22	196	104167	22.49 ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	110793	22.66 ng/ul	97
40) 1,1'-Biphenyl	13.62	154	342130	18.40 ng/ul	97
41) 2-Chloronaphthalene	13.66	162	269030	19.11 ng/ul	97
42) 2-Nitroaniline	13.86	65	83520m	18.94 ng/ul	
44) Dimethylphthalate	14.23	163	362488	19.27 ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	76002	23.10 ng/ul#	85
47) Acenaphthylene	14.51	152	436471	18.24 ng/ul	98
48) 3-Nitroaniline	14.68	138	76805	21.55 ng/ul	81
49) Acenaphthene	14.85	153	296128	18.09 ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	21173	12.02 ng/ul	88
52) 4-Nitrophenol	14.98	109	46438	17.29 ng/ul#	86
53) Dibenzofuran	15.18	168	442054	19.76 ng/ul	95
54) 2,4-Dinitrotoluene	15.13	165	113553	23.61 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.40	232	106978	24.88 ng/ul	93
56) Diethylphthalate	15.59	149	372152	19.20 ng/ul	97
58) Fluorene	15.83	166	352420	19.74 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.81	204	191868	22.85 ng/ul	88
60) 4-Nitroaniline	15.84	138	79076	18.05 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.90	198	62176	21.34 ng/ul#	83
64) N-Nitrosodiphenylamine	16.03	169	319771	18.98 ng/ul	97
65) 4-Bromophenyl-phenylether	16.71	248	129248	22.68 ng/ul	92
66) Hexachlorobenzene	16.83	284	141179	24.21 ng/ul	94
67) Atrazine	16.97	200	127705	19.96 ng/ul	97
68) Pentachlorophenol	17.17	266	77260	22.24 ng/ul	95
69) Phenanthrene	17.57	178	593903	19.45 ng/ul	98
71) Anthracene	17.66	178	610195	19.37 ng/ul	98
72) Carbazole	17.92	167	548638	19.37 ng/ul	98
73) Di-n-butylphthalate	18.46	149	661582	19.44 ng/ul	98
74) Fluoranthene	19.56	202	736394	21.58 ng/ul	99
77) Pyrene	19.92	202	752952	18.45 ng/ul	98
78) Butylbenzylphthalate	20.79	149	310791	18.78 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.68	252	274357	24.62 ng/ul#	98
80) Benzo(a)anthracene	21.77	228	762824	19.99 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.67	149	444124	18.52 ng/ul#	99
82) Chrysene	21.84	228	701958	20.24 ng/ul	99
84) Di-n-octyl phthalate	22.91	149	757384	18.24 ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	772053	20.72 ng/ul	97
86) Benzo(k)fluoranthene	24.12	252	729634	20.25 ng/ul	98
88) Benzo(a)pyrene	24.95	252	736811	20.31 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.89	276	874804	21.32 ng/ul	98
90) Dibenzo(a,h)anthracene	28.95	278	725968	21.29 ng/ul	97
91) Benzo(g,h,i)perylene	30.07	276	728799	21.42 ng/ul	97

SJ
10/28/17

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