

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001868.D
 Acq On : 07 Jul 2015 15:14
 Operator : TP/UM
 Sample : G2861-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 G93L5

Manual Integrations
 APPROVED

apatel
 7/8/2015 4:25:20 PM

Quant Time: Jul 08 05:13:02 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 02:11:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	67424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	253879	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	144248	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	320378	20.00	ng/ul	0.01
77) Chrysene-d12	21.27	240	379043	20.00	ng/ul	0.01
85) Perylene-d12	23.50	264	391860	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	2778	1.96	ng/uL	0.00
5) Phenol-d5	6.84	99	65522	12.65	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	38059	13.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	55033	13.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	48815	11.74	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	25573	14.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	28539	14.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	57399	13.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	43586	10.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	151219	14.14	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	192532	13.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	20120	10.20	ng/ul	0.01
57) Fluorene-d10	15.32	176	139906	14.10	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.44	200	6707	3.43	ng/ul	0.00
70) Anthracene-d10	17.17	188	209729	14.05	ng/ul	0.00
78) Pyrene-d10	19.47	212	223432	13.92	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.36	264	208485	12.07	ng/ul	0.03

Target Compounds

					Qvalue
14) Acetophenone	8.49	105	9129m	1.38	ng/ul
28) Naphthalene	10.50	128	52282	4.08	ng/ul 96
34) 2-Methylnaphthalene	12.13	142	63939	6.90	ng/ul 98
40) 1,1'-Biphenyl	13.15	154	16538	1.40	ng/ul 93
44) Dimethylphthalate	13.78	163	54212	4.64	ng/ul 98
47) Acenaphthylene	14.05	152	48809	3.41	ng/ul# 95
49) Acenaphthene	14.39	153	22254	2.33	ng/ul 96
53) Dibenzofuran	14.72	168	31752	2.32	ng/ul 91
58) Fluorene	15.37	166	23745	2.09	ng/ul# 93
69) Phenanthrene	17.12	178	406183	23.38	ng/ul 98
71) Anthracene	17.20	178	105509	5.92	ng/ul 97
74) Carbazole	17.48	167	42542	2.72	ng/ul# 94
76) Fluoranthene	19.14	202	595163	28.64	ng/ul 99
79) Pyrene	19.50	202	575499	27.37	ng/ul 99
82) Benzo(a)anthracene	21.26	228	355691	16.06	ng/ul 95
84) Chrysene	21.31	228	346133	16.49	ng/ul 97
87) Benzo(b)fluoranthene	22.84	252	580310	25.44	ng/ul 99
88) Benzo(k)fluoranthene	22.87	252	191033m	8.67	ng/ul
90) Benzo(a)pyrene	23.41	252	421756	19.01	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.76	276	418394	15.90	ng/ul 97
92) Dibenz(a,h)anthracene	25.77	278	104109	4.69	ng/ul# 90
93) Benzo(g,h,i)perylene	26.46	276	319144	14.42	ng/ul 99

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

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