

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001865.D
 Acq On : 07 Jul 2015 13:24
 Operator : TP/UM
 Sample : G2861-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L1

Manual Integrations
 APPROVED

apatel
 7/8/2015 4:25:00 PM

Quant Time: Jul 08 04:14:28 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	66938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	256758	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	145848	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	319299	20.00	ng/ul	0.01
77) Chrysene-d12	21.27	240	378282	20.00	ng/ul	0.02
85) Perylene-d12	23.51	264	395277	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1827	1.30	ng/uL	0.00
5) Phenol-d5	6.84	99	40645	7.91	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	23383	8.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	34326	8.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	31940	7.74	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	15995	9.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	17053	8.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	35333	8.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	23257	5.50	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	95069	8.79	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	122113	8.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	14306	7.17	ng/ul	0.01
57) Fluorene-d10	15.32	176	89563	8.92	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.45	200	3620	1.86	ng/ul	0.01
70) Anthracene-d10	17.17	188	135746	9.13	ng/ul	0.01
78) Pyrene-d10	19.47	212	152927	9.54	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.37	264	157882	9.06	ng/ul	0.04

Target Compounds

					Qvalue
6) Phenol	6.86	94	7357	1.39 ng/ul	93
14) Acetophenone	8.49	105	18783	2.87 ng/ul	97
16) 4-Methylphenol	8.44	108	9969	2.34 ng/ul	83
28) Naphthalene	10.51	128	1227942	94.72 ng/ul	98
34) 2-Methylnaphthalene	12.13	142	356210	37.99 ng/ul	96
40) 1,1'-Biphenyl	13.15	154	119558	10.04 ng/ul	99
44) Dimethylphthalate	13.78	163	45003	3.81 ng/ul	99
47) Acenaphthylene	14.04	152	501225	34.67 ng/ul	98
49) Acenaphthene	14.39	153	145662	15.08 ng/ul	99
53) Dibenzofuran	14.73	168	575223	41.59 ng/ul	98
58) Fluorene	15.37	166	585332	50.84 ng/ul	100
69) Phenanthrene	17.13	178	4129270	238.50 ng/ul	99
71) Anthracene	17.21	178	856150	48.16 ng/ul	99
74) Carbazole	17.48	167	324968	20.84 ng/ul	98
76) Fluoranthene	19.14	202	3841122	185.49 ng/ul	98
79) Pyrene	19.51	202	3410954	162.53 ng/ul	97
82) Benzo(a)anthracene	21.26	228	1346257	60.91 ng/ul	94
84) Chrysene	21.31	228	1151273	54.95 ng/ul	97
87) Benzo(b)fluoranthene	22.84	252	1674022	72.75 ng/ul	99
88) Benzo(k)fluoranthene	22.88	252	528073m	23.75 ng/ul	
90) Benzo(a)pyrene	23.41	252	1388743	62.04 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.77	276	1020584	38.45 ng/ul	97
92) Dibenzo(a,h)anthracene	25.77	278	202483	9.04 ng/ul#	85

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93) Benzo(g,h,i)perylene	26.47	276	956801	42.87	ng/ul	99

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

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