

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001870.D
 Acq On : 07 Jul 2015 19:08
 Operator : TP/UM
 Sample : G2860-08DL 50X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93J3DL

Manual Integrations
 APPROVED

apatel
 7/8/2015 4:25:24 PM

Quant Time: Jul 08 05:44:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 05:33:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	71595	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	287167	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	175909	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	391630	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	386564	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	363315	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.83	99	1256	0.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	623	0.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	835	0.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	883	0.20	ng/ul	0.00
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	9.55	143	287	0.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	877	0.19	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.60	131	1252	0.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3756	0.29	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	4108	0.24	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.32	176	4719	0.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.17	188	5765	0.32	ng/ul	0.00
78) Pyrene-d10	19.47	212	5175	0.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	5252	0.33	ng/ul	-0.02

Target Compounds

						Qvalue
6) Phenol	6.86	94	6794	1.20	ng/ul	96
11) 2-Methylphenol	8.10	108	5271	1.25	ng/ul	97
16) 4-Methylphenol	8.43	108	10230	2.24	ng/ul	89
24) 2,4-Dimethylphenol	9.64	107	5627	1.02	ng/ul	92
28) Naphthalene	10.51	128	784259	54.09	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	175876	16.77	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	38446	2.68	ng/ul	100
47) Acenaphthylene	14.05	152	107694	6.18	ng/ul	97
49) Acenaphthene	14.39	153	16834	1.44	ng/ul	91
53) Dibenzofuran	14.72	168	63568	3.81	ng/ul	100
58) Fluorene	15.37	166	77264	5.56	ng/ul	98
69) Phenanthrene	17.12	178	457633	21.55	ng/ul	98
71) Anthracene	17.20	178	96203	4.41	ng/ul	99
74) Carbazole	17.47	167	26916	1.41	ng/ul	100
76) Fluoranthene	19.13	202	261096	10.28	ng/ul	98
79) Pyrene	19.50	202	270098	12.59	ng/ul	99
82) Benzo(a)anthracene	21.24	228	84727	3.75	ng/ul	94
84) Chrysene	21.30	228	69822m	3.26	ng/ul	
87) Benzo(b)fluoranthene	22.82	252	77483	3.66	ng/ul	97
88) Benzo(k)fluoranthene	22.86	252	23290m	1.14	ng/ul	
90) Benzo(a)pyrene	23.39	252	71095	3.46	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.73	276	39953	1.64	ng/ul	97
93) Benzo(g,h,i)perylene	26.43	276	25443	1.24	ng/ul	98

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

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