

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018208.D
 Acq On : 1 Aug 2015 7:33
 Operator : TP/UM
 Sample : G3065-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Z4

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:23:34 PM

Quant Time: Aug 04 16:48:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	58004	20.00	ng/ul	0.01
18) Naphthalene-d8	10.27	136	234500	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	121166	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	244765	20.00	ng/ul	0.02
78) Chrysene-d12	21.13	240	318875	20.00	ng/ul	0.02
86) Perylene-d12	23.33	264	346254	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	1018m	1.33	ng/uL	0.00
5) Phenol-d5	6.68	99	43060	8.26	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	26392	9.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	37099	9.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.21	113	16128	3.80	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	21946	11.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	17486	8.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	35665	9.52	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.58	166	108581	11.60	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	124767	11.49	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	9417	5.43	ng/ul	0.02
58) Fluorene-d10	15.16	176	93888	11.08	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.27	200	1375	0.80	ng/ul	-0.02
71) Anthracene-d10	17.02	188	129990	12.21	ng/ul	0.01
79) Pyrene-d10	19.33	212	144063	9.34	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.19	264	180453	10.31	ng/ul	0.04

Target Compounds

					Qvalue
28) Naphthalene	10.32	128	60051	5.32 ng/ul#	92
34) 2-Methylnaphthalene	11.95	142	64133	7.18 ng/ul	96
35) 1-Methylnaphthalene	12.17	142	48453	5.65 ng/ul#	96
41) 1,1'-Biphenyl	12.98	154	9140	1.06 ng/ul	95
45) Dimethylphthalate	13.62	163	171865	18.45 ng/ul	99
50) Acenaphthene	14.23	153	10724	1.53 ng/ul#	93
54) Dibenzofuran	14.56	168	19020	1.80 ng/ul#	62
59) Fluorene	15.21	166	13633	1.49 ng/ul#	89
70) Phenanthrene	16.97	178	344904	27.74 ng/ul	98
72) Anthracene	17.05	178	30148m	2.44 ng/ul	
75) Carbazole	17.33	167	27801	2.70 ng/ul#	72
77) Fluoranthene	19.00	202	701707	51.38 ng/ul#	95
80) Pyrene	19.36	202	594926	30.76 ng/ul#	96
83) Benzo(a)anthracene	21.12	228	353256	20.57 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.06	149	156289	14.74 ng/ul	99
85) Chrysene	21.17	228	447587m	28.45 ng/ul	
88) Benzo(b)fluoranthene	22.68	252	574757	27.63 ng/ul#	97
89) Benzo(k)fluoranthene	22.71	252	216441m	11.32 ng/ul	
91) Benzo(a)pyrene	23.23	252	282425	15.18 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.54	276	188307	8.75 ng/ul#	88
93) Dibenzo(a,h)anthracene	25.54	278	55310	3.00 ng/ul#	77
94) Benzo(g,h,i)perylene	26.23	276	155050	8.82 ng/ul	96

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

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