

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
 Data File : BG018086.D
 Acq On : 24 Jul 2015 3:52
 Operator : TP/UM
 Sample : G3035-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02D9

Manual Integrations
 APPROVED

apatel
 7/24/2015 4:51:37 PM

Quant Time: Aug 06 17:29:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:33:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	56149	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	273865	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	171753	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	354649	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	366854	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	356787	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	1108	1.23	ng/uL	0.00
5) Phenol-d5	6.70	99	40495	9.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	21093	9.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	38168	9.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	37038	9.64	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	21093	9.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	22338	9.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	39287	9.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	3475m	0.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	122519	10.16	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	148333	10.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	21772	8.58	ng/ul	0.00
58) Fluorene-d10	15.18	176	109730	9.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	14766	6.51	ng/ul	0.00
71) Anthracene-d10	17.04	188	150857	9.82	ng/ul	0.00
79) Pyrene-d10	19.34	212	152048	9.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	134667	7.91	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.72	94	5253	1.19	ng/ul	94
14) Acetophenone	8.33	105	9970	1.84	ng/ul	87
28) Naphthalene	10.35	128	1021348	79.61	ng/ul	98
34) 2-Methylnaphthalene	11.97	142	693989	71.63	ng/ul	100
41) 1,1'-Biphenyl	13.01	154	202820	17.25	ng/ul	99
45) Dimethylphthalate	13.64	163	39644	3.27	ng/ul	98
48) Acenaphthylene	13.90	152	30297	1.95	ng/ul#	89
50) Acenaphthene	14.25	153	938494	92.14	ng/ul	97
54) Dibenzofuran	14.58	168	970032	67.01	ng/ul	98
59) Fluorene	15.24	166	1026316	82.35	ng/ul	98
70) Phenanthrene	16.99	178	3216677m	180.51	ng/ul	
72) Anthracene	17.07	178	492607	27.23	ng/ul	98
75) Carbazole	17.34	167	225083	14.36	ng/ul	99
76) Di-n-butylphthalate	17.92	149	45559	2.21	ng/ul#	97
77) Fluoranthene	19.01	202	2115986	111.47	ng/ul#	93
80) Pyrene	19.38	202	1538198	73.22	ng/ul	95
83) Benzo(a)anthracene	21.13	228	465312	23.98	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.08	149	13439	1.09	ng/ul	95
85) Chrysene	21.18	228	396222	21.69	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	305017	15.60	ng/ul#	95
89) Benzo(k)fluoranthene	22.71	252	87758m	4.64	ng/ul	
91) Benzo(a)pyrene	23.23	252	172692	9.12	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.53	276	82536	3.78	ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	25.53	278	23595	1.27	ng/ul#	82
94) Benzo(g,h,i)perylene	26.20	276	43571	2.41	ng/ul	97

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

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