

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Manual Integrations
 APPROVED

Sohil
 1/6/2016 5:46:15 AM

Quant Time: Jan 04 11:17:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 07:46:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	25190	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	77503m	20.00	ng/ul	0.14
36) Acenaphthene-d10	14.87	164	171163m	20.00	ng/ul	0.14
62) Phenanthrene-d10	17.60	188	89627m	20.00	ng/ul	0.13
78) Chrysene-d12	21.90	240	199817m	20.00	ng/ul	0.15
86) Perylene-d12	25.16	264	177059m	20.00	ng/ul	0.14

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1109	2.43	ng/uL	0.00
5) Phenol-d5	7.26	99	41991	18.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	27599	20.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	34465	21.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	36234	19.07	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	25181	41.68	ng/ul	0.03
22) 2-Nitrophenol-d4	10.04	143	20880m	31.06	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.59	165	37785m	27.75	ng/ul	0.06
29) 4-Chloroaniline-d4	11.08	131	35014m	22.89	ng/ul	0.03
44) Dimethylphthalate-d6	14.18	166	37837m	2.73	ng/ul	0.05
47) Acenaphthylene-d8	14.47	160	144514	8.97	ng/ul	0.04
52) 4-Nitrophenol-d4	15.01	143	26854m	10.81	ng/ul	0.07
58) Fluorene-d10	15.83	176	122943m	9.79	ng/ul	0.12
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.86	188	78525m	19.01	ng/ul	0.29
79) Pyrene-d10	19.98	212	156795m	16.84	ng/ul	0.13
90) Benzo(a)pyrene-d12	24.93	264	220725m	24.99	ng/ul	0.14

Target Compounds

						Qvalue
6) Phenol	7.29	94	18672	7.85	ng/ul	89
11) 2-Methylphenol	8.55	108	47489	26.17	ng/ul	96
16) 4-Methylphenol	8.88	108	103413	51.49	ng/ul	99
24) 2,4-Dimethylphenol	10.12	107	220557	134.74	ng/ul	97
28) Naphthalene	11.16	128	25428004m	6282.65	ng/ul	
34) 2-Methylnaphthalene	12.70	142	13673587m	4422.94	ng/ul	
41) 1,1'-Biphenyl	13.64	154	6477896	501.65	ng/ul#	53
48) Acenaphthylene	14.51	152	2505358m	146.40	ng/ul	
50) Acenaphthene	14.91	153	17714524m	1538.51	ng/ul	
54) Dibenzofuran	15.30	168	13992206m	816.91	ng/ul	
59) Fluorene	15.91	166	16069932m	1168.34	ng/ul	
70) Phenanthrene	17.65	178	30204287m	6161.06	ng/ul	
72) Anthracene	17.86	178	3484866m	700.85	ng/ul	
75) Carbazole	18.03	167	5570601m	1333.31	ng/ul	
77) Fluoranthene	19.65	202	21303065m	3718.10	ng/ul	
80) Pyrene	20.11	202	16612569m	1373.66	ng/ul	
83) Benzo(a)anthracene	21.87	228	11078444m	950.19	ng/ul	
85) Chrysene	21.97	228	6952517m	633.16	ng/ul	
88) Benzo(b)fluoranthene	24.17	252	9244986m	867.51	ng/ul	
89) Benzo(k)fluoranthene	24.22	252	1870933m	182.95	ng/ul	
91) Benzo(a)pyrene	25.07	252	5453289m	539.83	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.94	276	1851654m	153.92	ng/ul	
93) Dibenzo(a,h)anthracene	28.98	278	582646m	58.35	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	30.12	276	1357127m	137.61	ng/ul	

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

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