

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020539.D
 Acq On : 26 Dec 2015 14:11
 Operator : UM/SJ
 Sample : G4802-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D93

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:07:07 PM

Quant Time: Dec 28 07:13:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 06:13:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23484	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	98419	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	68627	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	177268	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	223886	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	219300	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1265	2.97	ng/uL	0.01
5) Phenol-d5	7.23	99	36890	19.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	22744	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	29852	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	30985	19.54	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	16017	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	18213	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	32848	19.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	39485	20.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	111626	19.73	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	133837	20.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	13708	14.54	ng/ul	0.00
58) Fluorene-d10	15.70	176	108063	21.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	14615	12.44	ng/ul	0.01
71) Anthracene-d10	17.56	188	178762	21.53	ng/ul	0.01
79) Pyrene-d10	19.84	212	209914	21.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	236725	21.35	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	7.26	94	44084	22.46	ng/ul 97
11) 2-Methylphenol	8.52	108	14348	9.42	ng/ul# 79
16) 4-Methylphenol	8.85	108	40427	24.47	ng/ul 100
24) 2,4-Dimethylphenol	10.06	107	15483m	7.87	ng/ul
28) Naphthalene	10.95	128	743891	142.18	ng/ul 96
34) 2-Methylnaphthalene	12.54	142	183580	47.42	ng/ul 99
41) 1,1'-Biphenyl	13.54	154	43953	8.30	ng/ul 96
45) Dimethylphthalate	14.15	163	17449	3.03	ng/ul 98
48) Acenaphthylene	14.44	152	176162	25.57	ng/ul 95
50) Acenaphthene	14.77	153	28344	6.09	ng/ul 98
54) Dibenzofuran	15.11	168	159294	22.99	ng/ul 100
59) Fluorene	15.76	166	180781	32.20	ng/ul 99
70) Phenanthrene	17.50	178	928545	94.14	ng/ul 97
72) Anthracene	17.60	178	339412	33.65	ng/ul 99
75) Carbazole	17.86	167	94113	11.07	ng/ul 98
77) Fluoranthene	19.51	202	663126	53.46	ng/ul 98
80) Pyrene	19.87	202	602994	47.63	ng/ul 99
83) Benzo(a)anthracene	21.72	228	332342	25.28	ng/ul 96
85) Chrysene	21.78	228	263239	21.02	ng/ul 96
88) Benzo(b)fluoranthene	23.97	252	291417	22.14	ng/ul 96
89) Benzo(k)fluoranthene	24.02	252	95445m	7.50	ng/ul
91) Benzo(a)pyrene	24.85	252	252967	19.99	ng/ul 95
92) Indeno(1,2,3-cd)pyrene	28.74	276	137926m	9.10	ng/ul

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93) Dibenzo(a,h)anthracene	28.76	278	39909m	3.17	ng/ul	
94) Benzo(g,h,i)perylene	29.91	276	112527	9.04	ng/ul	97

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

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