

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
 Data File : BG020561.D
 Acq On : 27 Dec 2015 19:14
 Operator : UM/SJ
 Sample : G4846-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N54

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:09:02 PM

Quant Time: Dec 28 05:57:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 04:59:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	85143	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	391495m	20.00	ng/ul	0.07
36) Acenaphthene-d10	14.72	164	258933	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	587032	20.00	ng/ul	0.01
78) Chrysene-d12	21.74	240	715797	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	647827	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	792	0.51	ng/uL	0.00
5) Phenol-d5	7.23	99	21655	3.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	50409	12.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	54418	10.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	39526	6.88	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	37900	12.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	43347	12.42	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.54	165	71691	10.62	ng/ul	0.03
29) 4-Chloroaniline-d4	11.06	131	10035	1.30	ng/ul	0.04
44) Dimethylphthalate-d6	14.12	166	248233	11.63	ng/ul	0.01
47) Acenaphthylene-d8	14.41	160	293926	11.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	11943	3.36	ng/ul	0.00
58) Fluorene-d10	15.71	176	231687	12.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	36217	9.31	ng/ul	0.02
71) Anthracene-d10	17.57	188	343545	12.49	ng/ul	0.01
79) Pyrene-d10	19.85	212	387996	12.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	433920	13.25	ng/ul	0.00

Target Compounds

						Qvalue
11) 2-Methylphenol	8.52	108	17482	3.17	ng/ul	93
14) Acetophenone	8.91	105	17795	1.93	ng/ul	97
16) 4-Methylphenol	8.85	108	35090	5.86	ng/ul	91
24) 2,4-Dimethylphenol	10.07	107	116670m	14.90	ng/ul	
28) Naphthalene	11.06	128	11234633	539.83	ng/ul#	37
34) 2-Methylnaphthalene	12.58	142	2363548	153.49	ng/ul	99
41) 1,1'-Biphenyl	13.56	154	730238	36.54	ng/ul	97
48) Acenaphthylene	14.44	152	320534	12.33	ng/ul	97
50) Acenaphthene	14.81	153	2564791	145.96	ng/ul#	88
54) Dibenzofuran	15.13	168	2197759	84.07	ng/ul#	85
59) Fluorene	15.78	166	1712584	80.84	ng/ul#	98
70) Phenanthrene	17.53	178	2642181m	80.89	ng/ul	
72) Anthracene	17.60	178	282866m	8.47	ng/ul	
75) Carbazole	17.90	167	3295886	117.10	ng/ul#	79
77) Fluoranthene	19.51	202	497381	12.11	ng/ul	99
80) Pyrene	19.87	202	286031	7.07	ng/ul	99

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

