

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020534.D
 Acq On : 26 Dec 2015 10:55
 Operator : UM/SJ
 Sample : G4802-13
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D88

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:06:47 PM

Quant Time: Dec 28 06:43:29 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	8.08	152	25323	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	98930	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.72	164	86176	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.48	188	141807	20.00	ng/ul	0.03
78) Chrysene-d12	21.76	240	187947	20.00	ng/ul	0.03
86) Perylene-d12	25.03	264	182091	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1530	3.33	ng/uL	0.01
5) Phenol-d5	7.24	99	37401	18.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	32617	27.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	32654	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	14761	8.63	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	26071	33.62	ng/ul	0.01
22) 2-Nitrophenol-d4	9.98	143	20581	23.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.53	165	31193	18.28	ng/ul	0.02
29) 4-Chloroaniline-d4	11.03	131	23137	11.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	139684	19.67	ng/ul	0.02
47) Acenaphthylene-d8	14.43	160	180154	21.89	ng/ul	0.03
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.73	176	137122	21.35	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.60	188	194987	29.36	ng/ul	0.05
79) Pyrene-d10	19.86	212	247904	30.47	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.81	264	281740	30.61	ng/ul	0.05

Target Compounds

						Ovalue
28) Naphthalene	11.02	128	7875371	1497.50	ng/ul#	48
34) 2-Methylnaphthalene	12.62	142	5686207	1461.29	ng/ul	95
41) 1,1'-Biphenyl	13.56	154	933171	140.31	ng/ul	98
45) Dimethylphthalate	14.18	163	48758	6.75	ng/ul#	96
48) Acenaphthylene	14.46	152	478273	55.29	ng/ul#	71
50) Acenaphthene	14.82	153	3071212	525.18	ng/ul#	87
54) Dibenzofuran	15.13	168	478249	54.97	ng/ul	91
59) Fluorene	15.80	166	2199756	312.00	ng/ul#	97
70) Phenanthrene	17.57	178	6345215	804.18	ng/ul#	45
72) Anthracene	17.64	178	2387519	295.91	ng/ul#	72
75) Carbazole	17.88	167	64791	9.53	ng/ul#	69
77) Fluoranthene	19.55	202	2877107m	289.96	ng/ul	
80) Pyrene	19.92	202	3982611	374.71	ng/ul#	66
83) Benzo(a)anthracene	21.74	228	1980666	179.44	ng/ul#	74
85) Chrysene	21.82	228	1879248	178.74	ng/ul#	82
88) Benzo(b)fluoranthene	24.01	252	1157214	105.88	ng/ul	95
89) Benzo(k)fluoranthene	24.06	252	402038m	38.05	ng/ul	
91) Benzo(a)pyrene	24.91	252	1403364	133.59	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.80	276	530852	42.19	ng/ul	95
93) Dibenzo(a,h)anthracene	28.82	278	192101	18.40	ng/ul#	91
94) Benzo(a,h,i)perylene	29.98	276	600718	58.13	ng/ul	99

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

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