

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
 Data File : BG020376.D
 Acq On : 21 Dec 2015 12:53
 Operator : UM/SJ
 Sample : G4848-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N54

Manual Integrations
 APPROVED

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 12/22/2015 4:49:11 PM

Quant Time: Dec 22 10:46:07 2015
 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	23298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	97164	20.00	ng/ul	0.07
36) Acenaphthene-d10	14.76	164	91543m	20.00	ng/ul	0.03
62) Phenanthrene-d10	17.55	188	127219m	20.00	ng/ul	0.08
78) Chrysene-d12	21.80	240	168862	20.00	ng/ul	0.05
86) Perylene-d12	25.06	264	156645	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1077	2.55	ng/uL	0.00
5) Phenol-d5	7.26	99	31058	15.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	20460	16.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	25754	17.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	28506	16.22	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	17011m	22.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	16603	19.70	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.56	165	31597	18.51	ng/ul	0.03
29) 4-Chloroaniline-d4	11.11	131	18915	9.86	ng/ul	0.07
44) Dimethylphthalate-d6	14.16	166	101766	13.74	ng/ul	0.03
47) Acenaphthylene-d8	14.44	160	118342	13.74	ng/ul	0.01
52) 4-Nitrophenol-d4	14.97	143	16244	12.23	ng/ul	0.04
58) Fluorene-d10	15.74	176	97244m	14.48	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.68	188	121786	20.78	ng/ul	0.11
79) Pyrene-d10	19.89	212	159321m	20.24	ng/ul	0.04
90) Benzo(a)pyrene-d12	24.83	264	175509	22.46	ng/ul	0.04

Target Compounds

					Ovalue	
6) Phenol	7.28	94	3918	1.78	ng/ul#	79
11) 2-Methylphenol	8.54	108	4907	2.92	ng/ul	91
16) 4-Methylphenol	8.88	108	10834	5.83	ng/ul	98
24) 2,4-Dimethylphenol	10.09	107	23886m	11.64	ng/ul	
28) Naphthalene	11.08	128	11970798	2359.21	ng/ul#	34
34) 2-Methylnaphthalene	12.64	142	6016738	1552.40	ng/ul	95
41) 1,1'-Biphenyl	13.59	154	2517662	364.55	ng/ul#	84
45) Dimethylphthalate	14.21	163	45833	6.06	ng/ul	97
48) Acenaphthylene	14.46	152	684981	74.84	ng/ul#	90
50) Acenaphthene	14.88	153	8113260m	1317.50	ng/ul	
54) Dibenzofuran	15.19	168	6477182	707.06	ng/ul#	49
59) Fluorene	15.85	166	6740782m	916.33	ng/ul	
70) Phenanthrene	17.64	178	14368279m	2064.80	ng/ul	
72) Anthracene	17.70	178	2641165m	374.21	ng/ul	
75) Carbazole	17.92	167	1964224	331.21	ng/ul#	87
77) Fluoranthene	19.62	202	10114582m	1243.70	ng/ul	
80) Pyrene	19.97	202	7976730	780.49	ng/ul#	25
83) Benzo(a)anthracene	21.78	228	3811198	386.81	ng/ul#	68
85) Chrysene	21.86	228	3205362	345.42	ng/ul#	69
88) Benzo(b)fluoranthene	24.04	252	2135621	226.51	ng/ul	94
89) Benzo(k)fluoranthene	24.09	252	883205m	97.62	ng/ul	
91) Benzo(a)pyrene	24.92	252	1264862	141.53	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.80	276	346715	32.58	ng/ul#	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	28.82	278	101251	11.46	ng/ul#	90
94) Benzo(g,h,i)perylene	29.98	276	241836	27.72	ng/ul	97

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

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