

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
 Data File : BG026930.D
 Acq On : 10 May 2017 2:53
 Operator : SJ/MA
 Sample : I2842-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC45

Manual Integrations
 APPROVED

mohammad
 5/10/2017 11:50:32 AM

Quant Time: May 10 04:11:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 01:49:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	201539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	978531	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	516293	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	933342	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	840917	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	951403	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	14339	3.20	ng/uL	0.00
5) Phenol-d5	7.18	99	402521	22.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	232124	21.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	320090	20.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	340349	22.80	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	168826	20.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	183740	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	295510	20.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	361597	19.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	856364	20.61	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1163551	22.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	132046	17.63	ng/ul	0.00
57) Fluorene-d10	15.60	176	735368	20.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	63804	11.26	ng/ul	0.00
70) Anthracene-d10	17.45	188	976929	21.57	ng/ul	0.00
76) Pyrene-d10	19.73	212	950035	21.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	951015	21.14	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.21	94	36982	2.03 ng/ul#	81
28) Naphthalene	10.85	128	494324	9.70 ng/ul	99
34) 2-Methylnaphthalene	12.45	142	251436	6.65 ng/ul	97
40) 1,1'-Biphenyl	13.45	154	70391	1.62 ng/ul	99
44) Dimethylphthalate	14.06	163	381095	9.37 ng/ul	98
49) Acenaphthene	14.68	153	330601	8.94 ng/ul	96
53) Dibenzofuran	15.01	168	487502	9.90 ng/ul	95
58) Fluorene	15.66	166	468549	11.66 ng/ul	98
69) Phenanthrene	17.40	178	3459902m	65.80 ng/ul	
71) Anthracene	17.48	178	1235447	22.90 ng/ul	99
72) Carbazole	17.75	167	502708	11.02 ng/ul	96
74) Fluoranthene	19.40	202	3387352	69.40 ng/ul#	66
77) Pyrene	19.76	202	2870473	50.88 ng/ul#	66
80) Benzo(a)anthracene	21.58	228	1769899	35.99 ng/ul	93
82) Chrysene	21.64	228	1549553	33.92 ng/ul	96
85) Benzo(b)fluoranthene	23.77	252	2026277	37.27 ng/ul#	90
86) Benzo(k)fluoranthene	23.82	252	716738m	13.42 ng/ul	
88) Benzo(a)pyrene	24.62	252	1515609	28.33 ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	28.37	276	870757	13.73 ng/ul#	82
90) Dibenzo(a,h)anthracene	28.40	278	228443	4.25 ng/ul#	86
91) Benzo(g,h,i)perylene	29.49	276	697322	13.26 ng/ul#	76

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

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