

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
 Data File : BG028317.D
 Acq On : 14 Aug 2017 17:55
 Operator : SJ/JU
 Sample : I4489-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 X2A57

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:01:25 PM

Quant Time: Aug 15 06:18:57 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 15 06:10:38 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	28947	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	135574	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	98406	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	234426m	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	256515	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	228228	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	2350	3.78	ng/uL	0.00
5) Phenol-d5	7.51	99	81879	25.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	53409	26.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	58262	29.05	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	65509	24.65	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	31676	29.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	25194	21.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	68382	28.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	12460	4.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	261721	29.90	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	313169	31.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	24303	17.46	ng/ul	0.00
57) Fluorene-d10	15.96	176	243904	31.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	8266m	5.43	ng/ul	0.00
70) Anthracene-d10	17.81	188	465386	41.40	ng/ul	0.00
76) Pyrene-d10	20.09	212	545526	41.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	485729	45.46	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.88	88	8403	12.870	ng/uL# 77
4) Benzaldehyde	7.50	77	52492	28.571	ng/ul 95
6) Phenol	7.54	94	136305	43.141	ng/ul 89
8) Bis(2-Chloroethyl)ether	7.77	93	69094	32.103	ng/ul 88
17) Hexachloroethane	9.45	117	40909	50.513	ng/ul 94
20) Nitrobenzene	9.57	77	57559	18.756	ng/ul 97
23) 2-Nitrophenol	10.29	139	29778	25.377	ng/ul 90
28) Naphthalene	11.23	128	273874	40.788	ng/ul 96
34) 2-Methylnaphthalene	12.81	142	295436	54.778	ng/ul 91
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	66889	21.088	ng/ul# 87
39) 2,4,5-Trichlorophenol	13.48	196	112833	52.363	ng/ul 93
40) 1,1'-Biphenyl	13.80	154	287871	40.054	ng/ul 99
41) 2-Chloronaphthalene	13.85	162	221990	39.085	ng/ul 95
44) Dimethylphthalate	14.40	163	57977	7.194	ng/ul 98
47) Acenaphthylene	14.69	152	314960	33.398	ng/ul 98
49) Acenaphthene	15.03	153	204688	32.168	ng/ul 95
52) 4-Nitrophenol	15.17	109	20283	14.067	ng/ul 88
53) Dibenzofuran	15.36	168	157197	16.944	ng/ul 93
54) 2,4-Dinitrotoluene	15.32	165	72758	28.853	ng/ul# 90
56) Diethylphthalate	15.75	149	171714	18.163	ng/ul 98
58) Fluorene	16.01	166	300993	36.646	ng/ul 97
66) Hexachlorobenzene	17.02	284	55359	20.639	ng/ul 99
69) Phenanthrene	17.75	178	446309m	37.831	ng/ul

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71) Anthracene	17.85	178	762170	63.211	ng/ul	98
74) Fluoranthene	19.75	202	547996	38.221	ng/ul	99
77) Pyrene	20.12	202	498867	32.597	ng/ul	99
80) Benzo(a)anthracene	22.03	228	451439	30.459	ng/ul	99
82) Chrysene	22.10	228	370036	27.722	ng/ul	96
84) Di-n-octyl phthalate	23.18	149	385190	28.163	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	750062	54.920	ng/ul#	99
86) Benzo(k)fluoranthene	24.50	252	407464	30.543	ng/ul#	99
88) Benzo(a)pyrene	25.39	252	398456	30.132	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.60	276	384186	24.810	ng/ul	98
90) Dibenzo(a,h)anthracene	29.65	278	201331	15.512	ng/ul	93
91) Benzo(g,h,i)perylene	30.86	276	476995	37.443	ng/ul	95

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

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