

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
 Data File : BG028448.D
 Acq On : 23 Aug 2017 13:26
 Operator : SJ/JU
 Sample : I4713-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GC0

Manual Integrations
 APPROVED

Sohil
 8/24/2017 4:38:28 PM

Quant Time: Aug 24 03:08:25 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 24 01:29:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	43005	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	200940	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	128165	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	274718	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	326435	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	298660	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	3732m	4.04	ng/uL	0.00
5) Phenol-d5	7.49	99	112807	23.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	67191	22.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	81915	27.49	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	96059	24.33	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	44272	28.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	55501	32.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	105840	29.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	20995	5.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	328911	28.85	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	383083	29.81	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	36821	20.31	ng/ul	0.01
57) Fluorene-d10	15.94	176	275185	26.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	37168	20.83	ng/ul	0.00
70) Anthracene-d10	17.81	188	417797	31.72	ng/ul	0.00
76) Pyrene-d10	20.08	212	489243	29.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	467156	33.41	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.52	94	7515	1.601	ng/ul	92
28) Naphthalene	11.21	128	74659	7.502	ng/ul	98
34) 2-Methylnaphthalene	12.79	142	83284	10.419	ng/ul	89
40) 1,1'-Biphenyl	13.78	154	12409	1.326	ng/ul	93
44) Dimethylphthalate	14.39	163	138175	13.165	ng/ul	99
53) Dibenzofuran	15.35	168	29149	2.412	ng/ul	99
58) Fluorene	16.00	166	11173	1.044	ng/ul#	92
69) Phenanthrene	17.75	178	522731	37.810	ng/ul	98
71) Anthracene	17.84	178	50798	3.595	ng/ul	97
72) Carbazole	18.11	167	70147	5.708	ng/ul	99
74) Fluoranthene	19.75	202	1799592	107.106	ng/ul	98
77) Pyrene	20.11	202	1493535	76.688	ng/ul	99
80) Benzo(a)anthracene	22.02	228	696010	36.902	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.87	149	26623	2.566	ng/ul#	88
82) Chrysene	22.09	228	1086851	63.983	ng/ul	96
85) Benzo(b)fluoranthene	24.45	252	1764678	98.739	ng/ul#	95
86) Benzo(k)fluoranthene	24.50	252	492737m	28.225	ng/ul	
88) Benzo(a)pyrene	25.40	252	923025	53.341	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.61	276	632006	31.189	ng/ul	99
90) Dibenz(a,h)anthracene	29.66	278	118310m	6.966	ng/ul	
91) Benzo(g,h,i)perylene	30.88	276	569515	34.162	ng/ul	97

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

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