

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
 Data File : BG018262.D
 Acq On : 4 Aug 2015 20:40
 Operator : UM/TP
 Sample : G3109-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W3

Manual Integrations
 APPROVED

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 8/7/2015 4:40:26 PM

Quant Time: Aug 14 03:03:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	31999	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	151737	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	91975	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	142288	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	126490	20.00	ng/ul	0.01
86) Perylene-d12	23.30	264	117374m	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.93	96	1695	4.00	ng/uL	0.00
5) Phenol-d5	6.66	99	69015	23.99	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	35379	24.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	57216	26.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	38964	16.63	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	31178	26.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	37105	27.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	56762	23.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	8662	2.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	188198	26.48	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	200349	24.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	18638	14.17	ng/ul	0.00
58) Fluorene-d10	15.14	176	144716	22.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	17159	17.27	ng/ul	0.00
71) Anthracene-d10	17.00	188	153127	24.75	ng/ul	0.00
79) Pyrene-d10	19.32	212	113143	18.49	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.16	264	139810m	23.55	ng/ul	0.03

Target Compounds

					Qvalue
16) 4-Methylphenol	8.26	108	4463	1.75 ng/ul#	66
28) Naphthalene	10.29	128	95942	13.13 ng/ul	97
34) 2-Methylnaphthalene	11.92	142	50828	8.79 ng/ul	99
41) 1,1'-Biphenyl	12.96	154	23941	3.64 ng/ul#	89
45) Dimethylphthalate	13.60	163	72884	10.31 ng/ul	97
48) Acenaphthylene	13.86	152	19959	2.44 ng/ul#	86
50) Acenaphthene	14.20	153	180480	33.85 ng/ul	98
54) Dibenzofuran	14.54	168	145707	18.15 ng/ul#	79
59) Fluorene	15.19	166	259452	37.45 ng/ul	100
70) Phenanthrene	16.95	178	2178727m	301.41 ng/ul	
72) Anthracene	17.03	178	555164	77.20 ng/ul	99
75) Carbazole	17.31	167	84400	14.12 ng/ul	97
76) Di-n-butylphthalate	17.88	149	71113	8.95 ng/ul#	96
77) Fluoranthene	18.99	202	1741652	219.38 ng/ul#	95
80) Pyrene	19.35	202	1669799	217.64 ng/ul#	96
83) Benzo(a)anthracene	21.10	228	818857	120.21 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	92255	21.94 ng/ul#	96
85) Chrysene	21.16	228	697180m	111.73 ng/ul	
88) Benzo(b)fluoranthene	22.66	252	930128m	131.91 ng/ul	
89) Benzo(k)fluoranthene	22.69	252	286696m	44.24 ng/ul	
91) Benzo(a)pyrene	23.21	252	679905m	107.78 ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.51	276	331521m	45.43 ng/ul	
93) Dibenzo(a,h)anthracene	25.52	278	102455m	16.39 ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.19	276	293889m	49.31	ng/ul	

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

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