

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080515\
 Data File : BG018290.D
 Acq On : 6 Aug 2015 2:41
 Operator : UM/TP
 Sample : G3109-21RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02F5RE

Manual Integrations
 APPROVED

apatel
 8/10/2015 9:24:53 AM

Quant Time: Aug 14 03:15:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	48389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	210470	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	119215	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	183118	20.00	ng/ul	0.01
78) Chrysene-d12	21.10	240	160345	20.00	ng/ul	0.02
86) Perylene-d12	23.28	264	168692	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.92	96	1374	2.45	ng/uL	0.01
5) Phenol-d5	6.65	99	56472	14.84	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.78	67	28546	15.52	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	48171	15.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	36269	11.29	ng/ul	0.01
19) Nitrobenzene-d5	8.60	128	26728	16.40	ng/ul	0.01
22) 2-Nitrophenol-d4	9.31	143	32633	17.31	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.87	165	54435	15.71	ng/ul	0.01
29) 4-Chloroaniline-d4	10.38	131	10479	2.52	ng/ul	0.02
44) Dimethylphthalate-d6	13.54	166	162997	17.68	ng/ul	0.01
47) Acenaphthylene-d8	13.81	160	182199	17.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	17132	11.26	ng/ul	0.02
58) Fluorene-d10	15.13	176	127870	15.44	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.28	200	4964	3.92	ng/ul	0.02
71) Anthracene-d10	16.98	188	130520	16.20	ng/ul	0.01
79) Pyrene-d10	19.30	212	97453	10.86	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.14	264	133672m	15.23	ng/ul	0.03

Target Compounds

						Qvalue
28) Naphthalene	10.27	128	22459	2.27	ng/ul#	90
34) 2-Methylnaphthalene	11.90	142	13963	1.76	ng/ul	99
45) Dimethylphthalate	13.59	163	88222	9.59	ng/ul	99
50) Acenaphthene	14.19	153	37092	5.32	ng/ul	91
54) Dibenzofuran	14.53	168	28722	2.80	ng/ul	98
59) Fluorene	15.18	166	38307	4.25	ng/ul	88
70) Phenanthrene	16.93	178	634033	68.61	ng/ul	96
72) Anthracene	17.02	178	109072	11.83	ng/ul	98
75) Carbazole	17.30	167	53715	6.90	ng/ul	94
76) Di-n-butylphthalate	17.86	149	61690	5.65	ng/ul#	97
77) Fluoranthene	18.97	202	813246	79.34	ng/ul#	94
80) Pyrene	19.33	202	627566	56.29	ng/ul	97
81) Butylbenzylphthalate	20.24	149	20693	4.79	ng/ul#	78
83) Benzo(a)anthracene	21.09	228	369211	43.62	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	142086	27.30	ng/ul#	95
85) Chrysene	21.14	228	415088	54.59	ng/ul	95
88) Benzo(b)fluoranthene	22.63	252	548269	52.99	ng/ul#	97
89) Benzo(k)fluoranthene	22.66	252	208595m	21.03	ng/ul	
91) Benzo(a)pyrene	23.19	252	365106	40.42	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.48	276	194278	17.38	ng/ul	97
93) Dibenzo(a,h)anthracene	25.48	278	52115	5.31	ng/ul#	85
94) Benzo(g,h,i)perylene	26.16	276	152573	16.82	ng/ul	98

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

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