Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

Quant Time: Aug 07 13:12:44 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	7.44	152	72357	20.00	ng/ul	0.01
18) Naphthalene-d8	10.23	136	313499	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.13	164	186804	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.89	188	314558	20.00	ng/ul	0.02
78) Chrysene-d12	21.12	240	286251	20.00	ng/ul	0.03
86) Perylene-d12	23.31	264	271662	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	1166	1.39	ng/uL	0.00
5) Phenol-d5	6.65	99	67591	11.88	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.78	67	34001	12.36	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	58828	12.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.18	113	39174	8.15	ng/ul	0.01
19) Nitrobenzene-d5	8.60	128	32145	13.24	ng/ul	0.01
22) 2-Nitrophenol-d4	9.32	143	37068	13.20	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.87	165	60157	11.65	ng/ul	0.02
29) 4-Chloroaniline-d4	10.38	131	7668	1.24	ng/ul	0.02
44) Dimethylphthalate-d6	13.55	166	187639	12.99	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	212829	12.99	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	21614	9.07	ng/ul	0.03
58) Fluorene-d10	15.13	176	151458	11.67	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.29	200	3548	1.63	ng/ul	0.03
71) Anthracene-d10	16.99	188	177245	12.81	ng/ul	0.02
79) Pyrene-d10	19.31	212	124924	7.80	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.17	264	178038	12.60	ng/ul	0.06
Target Compounds						Qvalue
28) Naphthalene	10.27	128	24699	1.68	ng/ul#	94
34) 2-Methylnaphthalene	11.91	142	15923	1.35	ng/ul	99
35) 1-Methylnaphthalene	12.13	142	12353	1.08	ng/ul	95
45) Dimethylphthalate	13.59	163	71978	4.99	ng/ul#	96
50) Acenaphthene	14.19	153	56646	5.19	ng/ul	96
54) Dibenzofuran	14.53	168	39587	2.46	ng/ul	95
59) Fluorene	15.18	166	67352	4.77	ng/ul	94
70) Phenanthrene	16.94	178	1505232m	94.82	ng/ul	
72) Anthracene	17.02	178	362723	22.90	ng/ul	99
75) Carbazole	17.31	167	69776	5.22	ng/ul	95
76) Di-n-butylphthalate	17.87	149	306315	16.34	ng/ul	99
77) Fluoranthene	18.99	202	2304174	130.86	ng/ul#	97
80) Pyrene	19.35	202	1865008	93.70	ng/ul	99
83) Benzo(a)anthracene	21.11	228	1190597	78.80	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.03	149	133541	14.37	ng/ul	96
85) Chrysene	21.16	228	1082006m	79.70	ng/ul	
88) Benzo(b)fluoranthene	22.66	252	1608959	96.57	ng/ul#	95
89) Benzo(k)fluoranthene	22.70	252	549830m	34.41	ng/ul	
91) Benzo(a)pyrene	23.22	252	1013311	69.66	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.53	276	404924	22.50	ng/ul	99
93) Dibenzo(a,h)anthracene	25.53	278	98951	6.27	ng/ul#	91
94) Benzo(g,h,i)perylene	26.21	276	320642m	21.95	ng/ul	

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

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