Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018295.D
Acq On : 6 Aug 2015 5:36
Operator : UM/TP
Sample : G3109-12RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P8RE

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8/10/2015 9:25:20 AM

Quant Time: Aug 06 07:51:13 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	7.45	152	53657	20.00	ng/ul	0.02
18) Naphthalene-d8	10.23	136	223395	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.13	164	112271	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.90	188	181820m	20.00	ng/ul	0.03
78) Chrysene-d12	21.14	240	369759m	20.00	ng/ul	0.05
86) Perylene-d12	23.22	264	250519m	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	722	1.16	ng/uL	0.00
5) Phenol-d5	6.66	99	38884	9.21	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.79	67	21517	10.55	ng/ul	0.01
9) 2-Chlorophenol-d4	6.99	132	34818	9.91	ng/ul	0.02
13) 4-Methylphenol-d8	8.19	113	33904	9.52	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	19803	11.45	ng/ul	0.02
22) 2-Nitrophenol-d4	9.32	143	19525	9.76	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.88	165	35839	9.74	ng/ul	0.02
29) 4-Chloroaniline-d4	10.38	131	22883	5.19	ng/ul	0.02
44) Dimethylphthalate-d6	13.54	166	106126	12.22	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	119331	12.12	ng/ul	0.02
52) 4-Nitrophenol-d4	14.38	143	229	0.16	ng/ul	0.01
58) Fluorene-d10	15.14	176	80225	10.28	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.01	188	81409m	10.18	ng/ul	0.03
79) Pyrene-d10	19.34	212	96801m	4.68	ng/ul	0.06
90) Benzo(a)pyrene-d12	23.22	264	239249m	18.35	ng/ul	0.11
Target Compounds						Qvalue
11) 2-Methylphenol	7.92	108	4490	1.31	ng/ul	98
14) Acetophenone	8.24	105	27397m	4.78	ng/ul	
16) 4-Methylphenol	8.25	108	20825	5.43	ng/ul	94
24) 2,4-Dimethylphenol	9.44	107	67627m	15.03	ng/ul	
28) Naphthalene	10.28	128	169612	16.15	ng/ul#	96
34) 2-Methylnaphthalene	11.91	142	79712	9.46	ng/ul	98
35) 1-Methylnaphthalene	12.13	142	55490	6.81	ng/ul	98
41) 1,1'-Biphenyl	12.95	154	40559	5.24	ng/ul	97
45) Dimethylphthalate	13.59	163	64786	7.48	ng/ul#	96
50) Acenaphthene	14.20	153	82203	12.53	ng/ul	97
54) Dibenzofuran	14.54	168	74983	7.76	ng/ul	98
59) Fluorene	15.19	166	88170	10.40	ng/ul#	89
70) Phenanthrene	16.95	178	470010	51.22	ng/ul	99
72) Anthracene	17.04	178	124879m	13.64	ng/ul	
75) Carbazole	17.32	167	43987m	5.69	ng/ul	
77) Fluoranthene	19.01	202	587303m	57.71	ng/ul	
80) Pyrene	19.37	202	607355m	23.62	ng/ul	
83) Benzo(a)anthracene	21.12	228	505650m	25.91	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.06	149	3123353m	260.28	ng/ul	
85) Chrysene	21.12	228	512815m	29.24	ng/ul	
88) Benzo(b)fluoranthene	22.69	252	731421m	47.61	ng/ul	
89) Benzo(k)fluoranthene	22.73	252	450141m	30.55	ng/ul	
91) Benzo(a)pyrene	23.17	252	337828m	25.18	ng/ul	

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

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