Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021859.D
Acq On : 12 May 2016 1:01
Operator : UM/SJ
Sample : H2936-05MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WF4MS

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Quant Time: May 12 09:13:51 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	77147	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	364551	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	222844	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	500857	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	481350	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	486752	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	4723	2.96	ng/uL	0.00
5) Phenol-d5	7.33	99	104514	18.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	58055	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	102153	22.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	65576	13.64	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	53525	22.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	54180	35.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	99336	23.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	70729	15.34	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	345239	22.06	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	472215	21.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	36590m	13.64	ng/ul	0.00
58) Fluorene-d10	15.79	176	337714	20.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	41964	30.25	ng/ul	0.00
71) Anthracene-d10	17.65	188	494003	20.26	ng/ul	0.00
77) Pyrene-d10	19.92	212	514581m	22.84	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	482489	20.86	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.36	94	105031	17.25	ng/ul#	72
10) 2-Chlorophenol	7.74	128	100521	22.44	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.98	70	67757	18.93	ng/ul#	76
28) Naphthalene	11.05	128	19430	1.06	ng/ul	95
33) 4-Chloro-3-methylphenol	12.26	107	96311	21.84	ng/ul#	68
34) 2-Methylnaphthalene	12.64	142	16247	1.21	ng/ul	90
35) 1-Methylnaphthalene	12.86	142	14443	1.08	ng/ul#	92
45) Dimethylphthalate	14.25	163	67179	4.21	ng/ul	99
50) Acenaphthene	14.87	153	328092	20.74	ng/ul	99
53) 4-Nitrophenol	15.01	109	18752m	15.34	ng/ul	
55) 2,4-Dinitrotoluene	15.16	165	106486	24.45	ng/ul#	56
57) Diethylphthalate	15.61	149	18644	1.20	ng/ul	98
69) Pentachlorophenol	17.19	266	67707	29.33	ng/ul	93
70) Phenanthrene	17.59	178	141030	5.15	ng/ul	99
74) Di-n-butylphthalate	18.49	149	37559	1.71	ng/ul#	97
75) Fluoranthene	19.59	202	305599	9.82	ng/ul	95
78) Pyrene	19.95	202	871348m	31.29	ng/ul	
79) Butylbenzylphthalate	20.82	149	17760	2.88	ng/ul#	83
81) Benzo(a)anthracene	21.82	228	142961	5.34	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	74772	7.44	ng/ul	96
83) Chrysene	21.89	228	169131	6.38	ng/ul	97
86) Benzo(b)fluoranthene	24.12	252	250738	9.00	ng/ul#	92
87) Benzo(k)fluoranthene	24.17	252	93958m	3.15	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	25.02	252	144174	5.20	ng/ul#	92
90) Indeno(1,2,3-cd)pyrene	29.03	276	107142	3.26	ng/ul#	93
91) Dibenzo(a,h)anthracene	29.06	278	30546m	1.12	ng/ul	
92) Benzo(g,h,i)perylene	30.20	276	88741m	3.27	ng/ul	

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

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