Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021925.D
Acq On : 17 May 2016 3:25
Operator : UM/SJ
Sample : H3095-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF8

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Quant Time: May 17 11:53:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	73330	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	342495	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.79	164	185776	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	373485	20.00	ng/ul	0.01
76) Chrysene-d12	21.84	240	376737	20.00	ng/ul	0.02
84) Perylene-d12	25.21	264	330657m	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	3361	2.21	ng/uL	0.00
5) Phenol-d5	7.33	99	88670	16.30	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	41121	15.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	81688	19.34	ng/ul	0.01
13) 4-Methylphenol-d8	8.88	113	64562	14.13	ng/ul	0.01
19) Nitrobenzene-d5	9.34	128	42172	18.73	ng/ul	0.01
22) 2-Nitrophenol-d4	10.07	143	47111	33.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.61	165	83605	20.79	ng/ul	0.01
29) 4-Chloroaniline-d4	11.13	131	42167m	9.73	ng/ul	0.01
44) Dimethylphthalate-d6	14.20	166	254066	19.47	ng/ul	0.01
47) Acenaphthylene-d8	14.50	160	346682	18.71	ng/ul	0.01
52) 4-Nitrophenol-d4	15.00	143	21802m	9.75	ng/ul	0.02
58) Fluorene-d10	15.79	176	230176	16.75	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.91	200	13518	13.07	ng/ul	0.02
71) Anthracene-d10	17.64	188	321614	17.69	ng/ul	0.01
77) Pyrene-d10	19.92	212	339810	19.27	ng/ul	0.02
88) Benzo(a)pyrene-d12	24.97	264	310755m	19.78	ng/ul	0.05
Target Compounds						Qvalue
28) Naphthalene	11.04	128	177959	10.36	ng/ul	99
34) 2-Methylnaphthalene	12.64	142	36924	2.92	ng/ul	98
35) 1-Methylnaphthalene	12.86	142	27083	2.16	ng/ul#	96
45) Dimethylphthalate	14.24	163	86193	6.48	ng/ul	97
50) Acenaphthene	14.86	153	206319	15.64	ng/ul	98
54) Dibenzofuran	15.19	168	103928m	5.88	ng/ul	
59) Fluorene	15.84	166	108116	7.07	ng/ul	97
70) Phenanthrene	17.59	178	1989233m	97.42	ng/ul	
72) Anthracene	17.68	178	447037	21.55	ng/ul	99
73) Carbazole	17.94	167	427518	23.77	ng/ul#	96
75) Fluoranthene	19.60	202	2792985	120.39	ng/ul#	78
78) Pyrene	19.96	202	2514499m	115.36	ng/ul	
81) Benzo(a)anthracene	21.82	228	1787353	85.25	ng/ul#	89
82) Bis(2-ethylhexyl)phthalate	21.69	149	26749	3.40	ng/ul#	93
83) Chrysene	21.89	228	1615457	77.90	ng/ul#	88
86) Benzo(b)fluoranthene	24.15	252	2598657m	137.30	ng/ul	
87) Benzo(k)fluoranthene	24.21	252	1125566m	55.55	ng/ul	
89) Benzo(a)pyrene	25.06	252	1571569m	83.41	ng/ul	
90) Indeno(1,2,3-cd)pyrene	29.06	276	936509m	41.94	ng/ul	
91) Dibenzo(a,h)anthracene	29.09	278	193948m	10.44	ng/ul	
92) Benzo(g,h,i)perylene	30.26	276	624317m	33.88	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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