Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021896.D
Acq On : 15 May 2016 16:54
Operator : UM/SJ
Sample : H3096-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XG3

Manual Integrations APPROVED
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5/16/2016 7:04:07 PM

Quant Time: May 16 14:36:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	60817	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	310856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	187901	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	395090	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	387134	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	386898	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	3278	2.60	ng/uL	0.00
5) Phenol-d5	7.31	99	86115	19.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	43434	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	83485	23.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	62134	16.39	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	44643	21.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	50460	39.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	91698	25.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	64006m	16.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	307878	23.33	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	415784	22.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	35025m	15.48	ng/ul	0.00
58) Fluorene-d10	15.78	176	294904	21.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	37045	33.85	ng/ul	0.00
71) Anthracene-d10	17.63	188	413153	21.48	ng/ul	0.00
77) Pyrene-d10	19.91	212	437747	24.16	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	410042	22.31	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.23	163	114748	8.54	ng/ul	99
69) Pentachlorophenol	17.18	266	4077m	2.24	ng/ul	
70) Phenanthrene	17.58	178	96379	4.46	ng/ul	97
74) Di-n-butylphthalate	18.48	149	34297	1.98	ng/ul#	96
75) Fluoranthene	19.57	202	223351	9.10	ng/ul	95
78) Pyrene	19.94	202	203787m	9.10	ng/ul	
79) Butylbenzylphthalate	20.81	149	11521m	2.33	ng/ul	
81) Benzo(a)anthracene	21.80	228	136906	6.35	ng/ul	98
82) Bis(2-ethylhexyl)phthalate	21.68	149	83836	10.37	ng/ul	93
83) Chrysene	21.87	228	151149	7.09	ng/ul	95
86) Benzo(b)fluoranthene	24.09	252	262980	11.87	ng/ul#	95
87) Benzo(k)fluoranthene	24.15	252	79658m	3.36	ng/ul	
89) Benzo(a)pyrene	25.00	252	159107	7.22	ng/ul#	92
90) Indeno(1,2,3-cd)pyrene	28.97	276	135257	5.18	ng/ul#	92
91) Dibenzo(a,h)anthracene	29.02	278	40422m	1.86	ng/ul	
92) Benzo(g,h,i)perylene	30.18	276	127546	5.91	ng/ul#	92

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

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