Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021914.D
Acq On : 16 May 2016 20:05
Operator : UM/SJ
Sample : H3095-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE2

Manual Integrations APPROVED
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5/17/2016 7:20:15 PM

Quant Time: May 17 03:34:09 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	70481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	335920	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.79	164	192999	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	394071	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	378634	20.00	ng/ul	0.01
84) Perylene-d12	25.18	264	383256	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	4791	3.28	ng/uL	0.00
5) Phenol-d5	7.32	99	105215	20.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	53213	20.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	99639	24.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	74616	16.99	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	51889	23.50	ng/ul	0.01
22) 2-Nitrophenol-d4	10.06	143	58079	41.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	101928	25.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	57875	13.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	324774	23.96	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	453213	23.55	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	24039m	10.35	ng/ul	0.02
58) Fluorene-d10	15.78	176	307494	21.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	26978	24.71	ng/ul	0.01
71) Anthracene-d10	17.64	188	431289	22.48	ng/ul	0.00
77) Pyrene-d10	19.91	212	444584	25.08	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	424554	23.31	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	11.04	128	20952	1.24	ng/ul	99
34) 2-Methylnaphthalene	12.64	142	16527	1.33	ng/ul	96
35) 1-Methylnaphthalene	12.85	142	13539	1.10	ng/ul#	98
45) Dimethylphthalate	14.24	163	132916	9.63	ng/ul	98
70) Phenanthrene	17.58	178	143980	6.68	ng/ul	96
72) Anthracene	17.67	178	26340	1.20	ng/ul	96
74) Di-n-butylphthalate	18.48	149	103256	5.99	ng/ul#	95
75) Fluoranthene	19.58	202	302969	12.38	ng/ul	96
78) Pyrene	19.95	202	266759	12.18	ng/ul	97
79) Butylbenzylphthalate	20.82	149	1236629	255.37	ng/ul#	81
81) Benzo(a)anthracene	21.80	228	157963	7.50	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.69	149	205457	25.99	ng/ul	97
83) Chrysene	21.87	228	166457	7.99	ng/ul	94
86) Benzo(b)fluoranthene	24.11	252	258746	11.79	ng/ul#	94
87) Benzo(k)fluoranthene	24.16	252	81589m	3.47	ng/ul	
89) Benzo(a)pyrene	25.01	252	164593	7.54	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	29.01	276	109454m	4.23	ng/ul	
92) Benzo(g,h,i)perylene	30.19	276	95193m	4.46	ng/ul	

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

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