Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021912.D
Acq On : 16 May 2016 18:45
Operator : UM/SJ
Sample : H3095-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XD9

Manual Integrations APPROVED
umangi
5/17/2016 7:20:02 PM

Quant Time: May 17 01:47:06 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	86613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	390004	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	214956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	443613	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	447044	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	441038	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	6216	3.46	ng/uL	0.00
5) Phenol-d5	7.32	99	140162	21.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	68345	21.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	133534	26.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	107511	19.92	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	67784	26.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	72552	44.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	130197m	28.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	42654	8.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	397509	26.33	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	543976	25.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	42257	16.33	ng/ul	0.00
58) Fluorene-d10	15.78	176	363583	22.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	47526	38.68	ng/ul	0.00
71) Anthracene-d10	17.63	188	503644	23.32	ng/ul	0.00
77) Pyrene-d10	19.91	212	529771	25.32	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	501603	23.94	ng/ul	0.03
Target Compounds						Qvalue
45) Dimethylphthalate	14.23	163	172354	11.21	ng/ul	97
70) Phenanthrene	17.58	178	99643	4.11	ng/ul	98
75) Fluoranthene	19.57	202	328973	11.94	ng/ul	96
78) Pyrene	19.94	202	294637m	11.39	ng/ul	
81) Benzo(a)anthracene	21.79	228	185658	7.46	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.68	149	25099	2.69	ng/ul#	87
83) Chrysene	21.86	228	200433	8.14	ng/ul	93
86) Benzo(b)fluoranthene	24.10	252	344164	13.63	ng/ul#	86
87) Benzo(k)fluoranthene	24.16	252	135371m	5.01	ng/ul	
89) Benzo(a)pyrene	25.01	252	201098	8.00	ng/ul#	89
90) Indeno(1,2,3-cd)pyrene	29.01	276	140656m	4.72	ng/ul	
92) Benzo(g,h,i)perylene	30.23	276	121739m	4.95	ng/ul	

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

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