Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021922.D
Acq On : 17 May 2016 1:25
Operator : UM/SJ
Sample : H3095-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF1

Manual Integrations APPROVED
umangi
5/17/2016 7:21:06 PM

Quant Time: May 17 04:31:25 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	69313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	328410	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.79	164	183673	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	366585	20.00	ng/ul	0.01
76) Chrysene-d12	21.83	240	344936	20.00	ng/ul	0.01
84) Perylene-d12	25.18	264	330955	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	4221	2.94	ng/uL	0.00
5) Phenol-d5	7.33	99	86282	16.78	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	41096	16.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	80869	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	69913	16.18	ng/ul	0.01
19) Nitrobenzene-d5	9.34	128	41814	19.37	ng/ul	0.01
22) 2-Nitrophenol-d4	10.06	143	43163	31.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	78435	20.34	ng/ul	0.01
29) 4-Chloroaniline-d4	11.13	131	49569	11.93	ng/ul	0.01
44) Dimethylphthalate-d6	14.19	166	239107	18.53	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	327800	17.90	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	27001m	12.21	ng/ul	0.02
58) Fluorene-d10	15.78	176	219333	16.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	15389	15.15	ng/ul	0.01
71) Anthracene-d10	17.64	188	302821	16.97	ng/ul	0.00
77) Pyrene-d10	19.92	212	305491	18.92	ng/ul	0.01
88) Benzo(a)pyrene-d12	24.94	264	278201	17.69	ng/ul	0.02
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.64	142	18436	1.52	ng/ul	93
45) Dimethylphthalate	14.24	163	78164	5.95	ng/ul#	98
70) Phenanthrene	17.58	178	37039	1.85	ng/ul	97
75) Fluoranthene	19.58	202	69365	3.05	ng/ul#	94
78) Pyrene	19.94	202	67090m	3.36	ng/ul	
79) Butylbenzylphthalate	20.81	149	12778m	2.90	ng/ul	
81) Benzo(a)anthracene	21.80	228	48152	2.51	ng/ul	92
82) Bis(2-ethylhexyl)phthalate	21.69	149	25219	3.50	ng/ul#	87
83) Chrysene	21.87	228	57337m	3.02	ng/ul	
86) Benzo(b)fluoranthene	24.11	252	80102	4.23	ng/ul#	90
87) Benzo(k)fluoranthene	24.15	252	30536m	1.51	ng/ul	
89) Benzo(a)pyrene	25.02	252	48712	2.58	ng/ul#	89
90) Indeno(1,2,3-cd)pyrene	29.02	276	28414m	1.27	ng/ul	
92) Benzo(g,h,i)perylene	30.21	276	30596m	1.66	ng/ul	

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

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