Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023633.D
Acq On : 11 Aug 2016 22:12
Operator : UM/SJ
Sample : H4360-18 4X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-3642-01

Manual Integrations APPROVED
sohil
8/12/2016 5:56:01 PM

Quant Time: Aug 12 05:12:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	154429	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.94	136	707340	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	478291	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1089377	20.00	ng/ul	-0.01
75) Chrysene-d12	21.87	240	1107551	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1123276	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	1307m	0.36	ng/uL	0.00
5) Phenol-d5	7.27	99	50422	3.24	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.43	67	34023	3.41	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	37191	3.50	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	36182	2.98	ng/ul	-0.01
19) Nitrobenzene-d5	9.29	128	18829	3.38	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	25355	3.96	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.57	165	42616	3.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	18533	1.31	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	143846	3.67	ng/ul	-0.01
46) Acenaphthylene-d8	14.47	160	167945	3.81	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.02	143	19125m	2.86	ng/ul	0.02
57) Fluorene-d10	15.78	176	134330	3.71	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	10048	1.44	ng/ul	0.00
70) Anthracene-d10	17.65	188	194677	3.97	ng/ul	-0.01
76) Pyrene-d10	19.94	212	208962	3.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	194592	3.83	ng/ul	-0.02
Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	70183	1.81	ng/ul#	96
69) Phenanthrene	17.59	178	130169	2.31	ng/ul	96
74) Fluoranthene	19.60	202	256612	4.44	ng/ul#	92
77) Pyrene	19.97	202	269297	3.93	ng/ul#	93
80) Benzo(a)anthracene	21.85	228	150323	2.41	ng/ul#	95
82) Chrysene	21.92	228	152849	2.70	ng/ul#	94
85) Benzo(b)fluoranthene	24.19	252	192840	3.02	ng/ul	98
88) Benzo(a)pyrene	25.10	252	137951m	2.24	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.14	276	91627m	1.26	ng/ul	
91) Benzo(g,h,i)perylene	30.36	276	86032m	1.43	ng/ul	

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

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