Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023660.D
Acq On : 12 Aug 2016 17:47
Operator : UM/SJ
Sample : H4384-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0612-01

Manual Integrations APPROVED
sohil
8/15/2016 6:49:39 PM

Quant Time: Aug 13 04:01:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	135904	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.96	136	603785	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.79	164	427597	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.56	188	1024081	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1014045	20.00	ng/ul	-0.01
83) Perylene-d12	25.31	264	1042693	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	6803	2.13	ng/uL	0.00
5) Phenol-d5	7.27	99	183504	13.40	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	123757	14.11	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.64	132	130208	13.94	ng/ul	-0.02
13) 4-Methylphenol-d8	8.84	113	144129	13.48	ng/ul	-0.01
19) Nitrobenzene-d5	9.30	128	76126	16.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	86791	15.88	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	152347	14.78	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.10	131	163777	13.54	ng/ul	-0.01
43) Dimethylphthalate-d6	14.19	166	567531	16.21	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	656900	16.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	86547	14.48	ng/ul	0.00
57) Fluorene-d10	15.79	176	513880	15.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	86040	13.10	ng/ul	-0.01
70) Anthracene-d10	17.66	188	781715	16.94	ng/ul	0.00
76) Pyrene-d10	19.95	212	818515	15.95	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.07	264	798048	16.91	ng/ul	-0.02
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	202428	5.84	ng/ul	99
47) Acenaphthylene	14.52	152	45128	1.10	ng/ul	94
69) Phenanthrene	17.60	178	402512	7.59	ng/ul	99
74) Fluoranthene	19.62	202	553991m	10.20	ng/ul	
77) Pyrene	19.99	202	748432	11.94	ng/ul#	92
80) Benzo(a)anthracene	21.87	228	320334	5.61	ng/ul	96
82) Chrysene	21.94	228	354967	6.84	ng/ul#	95
85) Benzo(b)fluoranthene	24.21	252	307008	5.18	ng/ul#	94
86) Benzo(k)fluoranthene	24.29	252	104288m	1.79	ng/ul	
88) Benzo(a)pyrene	25.15	252	276032m	4.82	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.23	276	167198m	2.49	ng/ul	
91) Benzo(g,h,i)perylene	30.45	276	172415	3.09	ng/ul#	85

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

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