Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023642.D
Acq On : 12 Aug 2016 3:51
Operator : UM/SJ
Sample : H4360-06 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0612-01

Manual Integrations APPROVED
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8/12/2016 5:56:32 PM

Quant Time: Aug 12 14:29:06 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	183930	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.95	136	845783	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.79	164	556158	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1214928	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1182887	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	1240261	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	1446m	0.33	ng/uL	0.00
5) Phenol-d5	7.27	99	65758	3.55	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	44382	3.74	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	47835	3.78	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	50695	3.50	ng/ul	-0.01
19) Nitrobenzene-d5	9.29	128	25111	3.77	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	29651	3.87	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	51790	3.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	41455	2.45	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	193045	4.24	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	229073	4.47	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	23567m	3.03	ng/ul	0.02
57) Fluorene-d10	15.78	176	174985	4.16	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	16750	2.15	ng/ul	0.00
70) Anthracene-d10	17.65	188	257942	4.71	ng/ul	-0.01
76) Pyrene-d10	19.94	212	279660	4.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	257875m	4.59	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	108799	2.41	ng/ul	98
47) Acenaphthylene	14.51	152	108233	2.02	ng/ul	96
69) Phenanthrene	17.59	178	638246	10.14	ng/ul	96
71) Anthracene	17.68	178	97763	1.52	ng/ul	96
74) Fluoranthene	19.61	202	999188	15.51	ng/ul#	93
77) Pyrene	19.97	202	1330069	18.19	ng/ul#	94
80) Benzo(a)anthracene	21.85	228	606050	9.10	ng/ul#	95
82) Chrysene	21.92	228	691935	11.42	ng/ul#	95
85) Benzo(b)fluoranthene	24.20	252	677769m	9.61	ng/ul	
86) Benzo(k)fluoranthene	24.26	252	231190m	3.33	ng/ul	
88) Benzo(a)pyrene	25.12	252	598496m	8.79	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.20	276	367105m	4.59	ng/ul	
90) Dibenzo(a,h)anthracene	29.21	278	114236m	1.67	ng/ul	
91) Benzo(g,h,i)perylene	30.42	276	384440m	5.79	ng/ul	

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

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