Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023611.D
Acq On : 11 Aug 2016 3:14
Operator : UM/SJ
Sample : H4384-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0002-01

Manual Integrations APPROVED
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8/11/2016 6:14:25 PM

Quant Time: Aug 11 05:52:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	200135	20.00	ng/ul	0.03
18) Naphthalene-d8	10.97	136	915624	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.79	164	641627	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1444361	20.00	ng/ul	0.01
75) Chrysene-d12	21.88	240	1363124	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	1399832	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	10614	2.25	ng/uL	0.01
5) Phenol-d5	7.29	99	266205	13.20	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.45	67	186188	14.41	ng/ul	0.03
9) 2-Chlorophenol-d4	7.67	132	185926	13.52	ng/ul	0.03
13) 4-Methylphenol-d8	8.85	113	203623	12.94	ng/ul	0.02
19) Nitrobenzene-d5	9.31	128	107058m	14.83	ng/ul	0.03
22) 2-Nitrophenol-d4	10.04	143	125520	15.14	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.59	165	222698	14.24	ng/ul	0.03
29) 4-Chloroaniline-d4	11.10	131	187615	10.23	ng/ul	0.02
43) Dimethylphthalate-d6	14.19	166	798506	15.20	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	950550	16.08	ng/ul	0.01
51) 4-Nitrophenol-d4	15.02	143	75502	8.42	ng/ul	0.03
57) Fluorene-d10	15.79	176	742193	15.29	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	96894	10.46	ng/ul	0.01
70) Anthracene-d10	17.65	188	1073577	16.50	ng/ul	0.00
76) Pyrene-d10	19.95	212	1148427	16.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	1059165	16.72	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	11.02	128	72992	1.57	ng/ul	97
34) 2-Methylnaphthalene	12.63	142	106419	2.82	ng/ul	98
44) Dimethylphthalate	14.24	163	348716	6.70	ng/ul	99
47) Acenaphthylene	14.52	152	272550	4.41	ng/ul	94
49) Acenaphthene	14.86	153	86823	2.06	ng/ul	92
53) Dibenzofuran	15.19	168	135346	2.17	ng/ul	92
58) Fluorene	15.84	166	379383	7.29	ng/ul	99
69) Phenanthrene	17.60	178	3502952m	46.83	ng/ul	
71) Anthracene	17.69	178	439782	5.76	ng/ul	98
72) Carbazole	17.97	167	160421	2.61	ng/ul	95
74) Fluoranthene	19.62	202	3473949	45.36	ng/ul	95
77) Pyrene	19.98	202	3405923	40.42	ng/ul#	90
80) Benzo(a)anthracene	21.85	228	1750186	22.80	ng/ul	94
82) Chrysene	21.92	228	1840898	26.37	ng/ul#	91
85) Benzo(b)fluoranthene	24.20	252	1872579	23.52	ng/ul#	94
86) Benzo(k)fluoranthene	24.25	252	651338m	8.31	ng/ul	
88) Benzo(a)pyrene	25.12	252	1393365m	18.12	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.16	276	808080	8.95	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.19	278	231423m	3.00	ng/ul	
91) Benzo(g,h,i)perylene	30.37	276	736352	9.83	ng/ul#	89

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

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