Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS002-0002-01

Manual Integrations APPROVED
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Quant Time: Aug 15 19:26:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	115432	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	533563	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	329582	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	681625m	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	713812m	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	744138	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	7960	2.93	ng/uL	0.00
5) Phenol-d5	7.27	99	232646	20.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	148751	19.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	163331	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	182872	20.14	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	89910m	21.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	106434	22.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	192001	21.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	197167	18.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	600788	22.26	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	719231	23.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	78932	17.13	ng/ul	0.00
57) Fluorene-d10	15.79	176	538187	21.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	64803m	14.82	ng/ul	0.00
70) Anthracene-d10	17.66	188	743893m	24.22	ng/ul	0.00
76) Pyrene-d10	19.95	212	809014m	22.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	819785	24.34	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	11.00	128	33098	1.22	ng/ul	96
34) 2-Methylnaphthalene	12.61	142	51392	2.34	ng/ul	93
44) Dimethylphthalate	14.23	163	339202	12.69	ng/ul	97
47) Acenaphthylene	14.51	152	423532	13.33	ng/ul	98
49) Acenaphthene	14.85	153	163977	7.58	ng/ul	99
53) Dibenzofuran	15.19	168	253439	7.90	ng/ul	93
58) Fluorene	15.84	166	563506	21.09	ng/ul	100
69) Phenanthrene	17.60	178	3691603m	104.58	ng/ul	
71) Anthracene	17.69	178	1159218	32.18	ng/ul	98
72) Carbazole	17.96	167	233188	8.03	ng/ul	95
74) Fluoranthene	19.62	202	4314325m	119.38	ng/ul	
77) Pyrene	19.98	202	3932856m	89.12	ng/ul	
80) Benzo(a)anthracene	21.87	228	2840591m	70.66	ng/ul	
82) Chrysene	21.94	228	2483087m	67.93	ng/ul	
85) Benzo(b)fluoranthene	24.22	252	2810087	66.39	ng/ul#	93
86) Benzo(k)fluoranthene	24.28	252	1149225m	27.58	ng/ul	
88) Benzo(a)pyrene	25.15	252	2053797	50.26	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.23	276	1137630	23.69	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.26	278	359918	8.79	ng/ul#	80
91) Benzo(g,h,i)perylene	30.45	276	879513	22.09	ng/ul#	84

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

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