Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112816\
Data File : BG024934.D
Acq On : 28 Nov 2016 12:51
Operator : UM/SJ
Sample : H5701-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5DL

Manual Integrations APPROVED
UMANGI
11/29/2016 2:23:11 PM

Quant Time: Nov 28 17:49:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 25 02:47:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	77135	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	353096	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	294948	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	636831	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	770155	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	804804	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	264	0.16	ng/uL	0.00
5) Phenol-d5	7.40	99	6084	0.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	5008	1.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	4560	0.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	6559	1.07	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	3586	1.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	3195	0.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	7728	1.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	5251	0.72	ng/ul	0.02
43) Dimethylphthalate-d6	14.26	166	39302	1.81	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	39830	1.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	4130	1.08	ng/ul	0.00
57) Fluorene-d10	15.85	176	37614	1.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	3607	0.80	ng/ul	0.00
70) Anthracene-d10	17.71	188	63907	2.21	ng/ul	0.00
76) Pyrene-d10	19.98	212	79879	2.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	77313	2.16	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.13	128	62705	3.64	ng/ul	97
34) 2-Methylnaphthalene	12.72	142	19353	1.38	ng/ul	97
49) Acenaphthene	14.94	153	139210	8.77	ng/ul	97
53) Dibenzofuran	15.26	168	129337	5.25	ng/ul	96
58) Fluorene	15.91	166	142876	7.07	ng/ul	91
69) Phenanthrene	17.66	178	1874719	57.23	ng/ul	98
71) Anthracene	17.74	178	466200	13.83	ng/ul	97
72) Carbazole	18.01	167	227280	8.16	ng/ul	97
74) Fluoranthene	19.65	202	2204909	58.35	ng/ul	100
77) Pyrene	20.01	202	1825691	45.74	ng/ul	98
80) Benzo(a)anthracene	21.89	228	1045419	24.70	ng/ul	99
82) Chrysene	21.96	228	961855	24.10	ng/ul	99
85) Benzo(b)fluoranthene	24.24	252	1149318	26.78	ng/ul#	95
86) Benzo(k)fluoranthene	24.29	252	394250m	9.60	ng/ul	
88) Benzo(a)pyrene	25.17	252	827310	19.83	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.27	276	567072	11.08	ng/ul	98
90) Dibenzo(a,h)anthracene	29.30	278	149640	3.51	ng/ul	97
91) Benzo(g,h,i)perylene	30.50	276	450345	10.69	ng/ul	94

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

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