Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020602.D
Acq On : 30 Dec 2015 10:42
Operator : UM/SJ
Sample : G4846-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N50

Manual Integrations APPROVED
Sohil
12/31/2015 6:33:05 PM

Quant Time: Dec 30 13:08:59 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22899	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	108636	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.70	164	71229	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	160471	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	198108	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	188264	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	551	1.44	ng/uL	0.00
5) Phenol-d5	7.22	99	14687	7.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	39177	33.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	40356	27.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	28539	17.20	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	28748	34.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	33851	34.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	54911	29.67	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	5672	2.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	189822	32.56	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	224849	33.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	6469	7.08	ng/ul	0.00
58) Fluorene-d10	15.69	176	173446	32.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	31135	31.99	ng/ul	0.01
71) Anthracene-d10	17.55	188	262057	35.05	ng/ul	0.00
79) Pyrene-d10	19.83	212	307156	34.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	353282	37.61	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.25	94	3205	1.54	ng/ul#	84
11) 2-Methylphenol	8.51	108	13220	8.23	ng/ul	97
14) Acetophenone	8.89	105	9530	3.51	ng/ul#	92
16) 4-Methylphenol	8.84	108	18848	10.61	ng/ul	92
24) 2,4-Dimethylphenol	10.05	107	60047m	27.74	ng/ul	
28) Naphthalene	11.01	128	8401011	1460.26	ng/ul#	48
34) 2-Methylnaphthalene	12.55	142	1572667	365.33	ng/ul	96
41) 1,1'-Biphenyl	13.53	154	560817	104.64	ng/ul	98
48) Acenaphthylene	14.42	152	292396	41.46	ng/ul	98
50) Acenaphthene	14.79	153	2107304	441.58	ng/ul#	93
54) Dibenzofuran	15.11	168	1687559	234.00	ng/ul	92
59) Fluorene	15.76	166	1345038	231.86	ng/ul	98
70) Phenanthrene	17.51	178	2270030m	260.20	ng/ul	
72) Anthracene	17.58	178	214972m	24.09	ng/ul	
75) Carbazole	17.88	167	2492631	331.03	ng/ul#	83
77) Fluoranthene	19.49	202	421304	39.53	ng/ul	99
80) Pyrene	19.86	202	248323	21.64	ng/ul	99

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

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