Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020516.D
Acq On : 25 Dec 2015 23:04
Operator : UM/SJ
Sample : G4847-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N70

Manual Integrations APPROVED
Sohil
12/28/2015 6:06:21 PM

Quant Time: Dec 26 04:53:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 26 02:12:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18797	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	90450	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.71	164	58153	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	138395	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	175673	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	168668	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	260	0.76	ng/uL	0.00
5) Phenol-d5	7.24	99	11521	7.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	31652	35.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	33056	28.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	22562	17.78	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	22950	32.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	26593	32.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	45407	29.11	ng/ul	0.02
29) 4-Chloroaniline-d4	11.04	131	4913m	2.76	ng/ul	0.01
44) Dimethylphthalate-d6	14.12	166	161466	33.69	ng/ul	0.01
47) Acenaphthylene-d8	14.41	160	188454	33.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	5127	6.42	ng/ul	0.00
58) Fluorene-d10	15.70	176	146509	33.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	26328	28.70	ng/ul	0.01
71) Anthracene-d10	17.56	188	229147	35.35	ng/ul	0.01
79) Pyrene-d10	19.84	212	270850	35.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	316007	37.06	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.52	108	1402	1.15	ng/ul	96
14) Acetophenone	8.91	105	5255	2.58	ng/ul	94
16) 4-Methylphenol	8.85	108	2697m	2.04	ng/ul	
24) 2,4-Dimethylphenol	10.07	107	20110m	11.12	ng/ul	
28) Naphthalene	11.03	128	8967435	1865.02	ng/ul#	45
34) 2-Methylnaphthalene	12.57	142	1574856	442.66	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	440317	98.11	ng/ul	97
48) Acenaphthylene	14.44	152	169333	29.01	ng/ul#	97
50) Acenaphthene	14.80	153	1794317	454.68	ng/ul	92
54) Dibenzofuran	15.12	168	1483819	252.73	ng/ul	92
59) Fluorene	15.77	166	1130356	237.58	ng/ul	99
70) Phenanthrene	17.51	178	1841256m	239.11	ng/ul	
72) Anthracene	17.59	178	122448	15.55	ng/ul	98
75) Carbazole	17.88	167	2141811	322.77	ng/ul#	87
77) Fluoranthene	19.51	202	310327	32.05	ng/ul	98
80) Pyrene	19.86	202	177601	17.88	ng/ul	100

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

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