Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020411.D
Acq On : 22 Dec 2015 16:16
Operator : UM/SJ
Sample : G4848-04ME
Misc : med level RX
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N50ME

Manual Integrations APPROVED
Sohil
12/24/2015 5:34:30 PM

Quant Time: Dec 23 05:43:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 04:11:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	15401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	77773	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	59661	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	125642	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	156008	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	152726	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	821	2.94	ng/uL	0.00
5) Phenol-d5	7.24	99	24337	17.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	16239	20.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	20277	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	22849	19.67	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	12745	21.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	15608	23.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	26917	19.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	29660	19.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	103911	21.53	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	119264	21.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	10755	12.43	ng/ul	0.00
58) Fluorene-d10	15.71	176	91187	20.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	10129	13.60	ng/ul	0.00
71) Anthracene-d10	17.57	188	131460	22.71	ng/ul	0.01
79) Pyrene-d10	19.85	212	148962	20.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	175798	23.08	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	1565450	385.44	ng/ul#	93
34) 2-Methylnaphthalene	12.56	142	562179	181.21	ng/ul	98
41) 1,1'-Biphenyl	13.55	154	231735	51.48	ng/ul	95
45) Dimethylphthalate	14.17	163	15952	3.24	ng/ul	98
48) Acenaphthylene	14.44	152	69196	11.60	ng/ul#	96
50) Acenaphthene	14.79	153	995221	247.98	ng/ul	96
54) Dibenzofuran	15.12	168	1008144	168.86	ng/ul	96
59) Fluorene	15.78	166	959631	200.16	ng/ul	98
70) Phenanthrene	17.53	178	3129436m	455.36	ng/ul	
72) Anthracene	17.60	178	313563	44.98	ng/ul	99
75) Carbazole	17.87	167	188214	32.14	ng/ul	99
77) Fluoranthene	19.52	202	2077510	258.66	ng/ul#	93
80) Pyrene	19.88	202	1535590	162.63	ng/ul	97
83) Benzo(a)anthracene	21.72	228	425791	46.77	ng/ul	98
85) Chrysene	21.79	228	357502	41.70	ng/ul	98
88) Benzo(b)fluoranthene	23.97	252	204210	22.22	ng/ul	96
89) Benzo(k)fluoranthene	24.03	252	72760m	8.25	ng/ul	
91) Benzo(a)pyrene	24.85	252	114514	13.14	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.71	276	36422m	3.51	ng/ul	
94) Benzo(g,h,i)perylene	29.88	276	26021	3.06	ng/ul	98

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

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