Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020413.D
Acq On : 22 Dec 2015 17:35
Operator : UM/SJ
Sample : G4848-08ME
Misc : med level RX
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54ME

Manual Integrations APPROVED
Sohil
12/24/2015 5:34:26 PM

Quant Time: Dec 23 05:59:43 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	8.09	152	19458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	94497	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	72865	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	152757m	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	171950	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	167775	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1032	2.93	ng/uL	0.00
5) Phenol-d5	7.24	99	25751	15.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	18211	17.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	22264	17.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	25473	17.36	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	13397	18.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	15543	18.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	28052	16.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	32131	17.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	105885	17.97	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	120811	17.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	9836	9.31	ng/ul	0.00
58) Fluorene-d10	15.71	176	94542	17.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	9705m	10.72	ng/ul	0.01
71) Anthracene-d10	17.57	188	130964	18.61	ng/ul	0.00
79) Pyrene-d10	19.85	212	139296	17.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	163430	19.53	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.97	128	2076383	420.76	ng/ul#	90
34) 2-Methylnaphthalene	12.56	142	796272	211.25	ng/ul	97
41) 1,1'-Biphenyl	13.55	154	285702	51.97	ng/ul	96
45) Dimethylphthalate	14.17	163	17200	2.86	ng/ul	99
48) Acenaphthylene	14.44	152	67318	9.24	ng/ul#	94
50) Acenaphthene	14.80	153	1156218	235.89	ng/ul	94
54) Dibenzofuran	15.13	168	1156403	158.59	ng/ul	95
59) Fluorene	15.78	166	1123702	191.91	ng/ul	98
70) Phenanthrene	17.54	178	3339026m	399.62	ng/ul	
72) Anthracene	17.61	178	366486	43.24	ng/ul	97
75) Carbazole	17.87	167	184821	25.95	ng/ul	99
77) Fluoranthene	19.53	202	2069098m	211.88	ng/ul	
80) Pyrene	19.89	202	1518307	145.89	ng/ul	97
83) Benzo(a)anthracene	21.72	228	429493	42.81	ng/ul	96
85) Chrysene	21.79	228	347816	36.81	ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	197785	19.59	ng/ul	96
89) Benzo(k)fluoranthene	24.03	252	65727	6.78	ng/ul	98
91) Benzo(a)pyrene	24.85	252	108211	11.30	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.73	276	33681	2.95	ng/ul#	92
94) Benzo(g,h,i)perylene	29.89	276	24269m	2.60	ng/ul	

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

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