Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020416.D
Acq On : 22 Dec 2015 19:33
Operator : UM/SJ
Sample : G4849-09
Misc : med level RX
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N73ME

Manual Integrations APPROVED
Sohil
12/24/2015 5:34:14 PM

Quant Time: Dec 23 06:35:02 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	20246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	89386	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	67253	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	160519	20.00	ng/ul	0.01
78) Chrysene-d12	21.74	240	209077	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	201929	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1852	5.05	ng/uL	0.00
5) Phenol-d5	7.24	99	50296	28.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	32181	30.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	41245	31.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	46381	30.38	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	24369	34.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	29342	37.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	52464	33.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	58357	33.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	185845	34.16	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	215759	34.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	26370	27.03	ng/ul	0.00
58) Fluorene-d10	15.71	176	166904	33.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	28092	29.52	ng/ul	0.01
71) Anthracene-d10	17.58	188	260858	35.27	ng/ul	0.02
79) Pyrene-d10	19.85	212	314457	32.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	367981	36.54	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	1543937	330.76	ng/ul#	93
34) 2-Methylnaphthalene	12.56	142	611943	171.63	ng/ul	97
41) 1,1'-Biphenyl	13.55	154	263159	51.87	ng/ul	96
45) Dimethylphthalate	14.17	163	37158	6.69	ng/ul	97
48) Acenaphthylene	14.44	152	72627	10.80	ng/ul#	94
50) Acenaphthene	14.79	153	1134539	250.78	ng/ul	95
54) Dibenzofuran	15.12	168	1163506	172.88	ng/ul	95
59) Fluorene	15.78	166	1137917	210.55	ng/ul	98
70) Phenanthrene	17.54	178	3827516m	435.93	ng/ul	
72) Anthracene	17.61	178	526376	59.11	ng/ul	97
75) Carbazole	17.87	167	330334	44.15	ng/ul	97
77) Fluoranthene	19.53	202	2673003	260.49	ng/ul#	88
80) Pyrene	19.89	202	2044275	161.55	ng/ul#	94
83) Benzo(a)anthracene	21.72	228	620999	50.90	ng/ul	97
85) Chrysene	21.79	228	502720m	43.75	ng/ul	
88) Benzo(b)fluoranthene	23.97	252	293529	24.15	ng/ul	97
89) Benzo(k)fluoranthene	24.03	252	111205m	9.53	ng/ul	
91) Benzo(a)pyrene	24.85	252	167168	14.51	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.72	276	53777	3.92	ng/ul#	94
94) Benzo(g,h,i)perylene	29.88	276	40443	3.60	ng/ul	99

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

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