Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020449.D
Acq On : 23 Dec 2015 18:48
Operator : UM/SJ
Sample : G4848-04DL 30X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N50DL

Manual Integrations APPROVED
Sohil
12/24/2015 5:32:11 PM

Quant Time: Dec 24 03:05:28 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	85248	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	63530	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	161487	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	200980	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	192337	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.24	99	829	0.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	572	0.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	827	0.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	706	0.47	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	369	0.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	370	0.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	883	0.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	1156	0.69	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	5130	1.00	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	5448	0.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	130	0.14	ng/ul	0.03
58) Fluorene-d10	15.71	176	4736	1.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	65	0.07	ng/ul	0.00
71) Anthracene-d10	17.56	188	7602m	1.02	ng/ul	0.00
79) Pyrene-d10	19.84	212	8694	0.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	9177	0.96	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.95	128	531737	119.44	ng/ul	97
34) 2-Methylnaphthalene	12.55	142	163234	48.00	ng/ul	98
41) 1,1'-Biphenyl	13.55	154	64363	13.43	ng/ul	95
48) Acenaphthylene	14.44	152	19046	3.00	ng/ul#	93
50) Acenaphthene	14.78	153	298323	69.81	ng/ul	98
54) Dibenzofuran	15.11	168	311383	48.98	ng/ul	100
59) Fluorene	15.76	166	302413	59.24	ng/ul	99
70) Phenanthrene	17.52	178	1318123	149.23	ng/ul	94
72) Anthracene	17.60	178	99286	11.08	ng/ul	99
75) Carbazole	17.86	167	65590	8.71	ng/ul	100
77) Fluoranthene	19.51	202	833041	80.70	ng/ul	99
80) Pyrene	19.87	202	556272	45.73	ng/ul	99
83) Benzo(a)anthracene	21.72	228	142877	12.18	ng/ul	99
85) Chrysene	21.78	228	114151	10.34	ng/ul	96
88) Benzo(b)fluoranthene	23.96	252	61605	5.32	ng/ul	98
89) Benzo(k)fluoranthene	24.02	252	26616m	2.40	ng/ul	
91) Benzo(a)pyrene	24.84	252	35288	3.22	ng/ul#	94

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

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