Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121815\
Data File : BG020256.D
Acq On : 17 Dec 2015 21:49
Operator : UM/SJ
Sample : G4767-12DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL

Manual Integrations APPROVED
MMdadoda
12/18/2015 6:20:18 PM

Quant Time: Dec 18 11:33:14 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	15550	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	72543	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	53123	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	134547	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	178337	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	172185	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	7.25	99	4035	2.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	3016	3.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	3589	3.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	3957	3.37	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	1873	3.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	2162	3.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	3867	3.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	6011	4.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	16444	3.83	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	18649	3.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	1874	2.43	ng/ul	0.00
58) Fluorene-d10	15.71	176	14971	3.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	1105	1.39	ng/ul	0.00
71) Anthracene-d10	17.57	188	24116	3.89	ng/ul	0.00
79) Pyrene-d10	19.85	212	28621	3.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	32152	3.74	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.97	128	776713	205.03	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	292129	100.95	ng/ul	98
41) 1,1'-Biphenyl	13.56	154	99148	24.74	ng/ul	96
45) Dimethylphthalate	14.17	163	7378	1.68	ng/ul	99
48) Acenaphthylene	14.45	152	17197	3.24	ng/ul#	90
50) Acenaphthene	14.80	153	436619	122.18	ng/ul	98
54) Dibenzofuran	15.13	168	437769	82.35	ng/ul	100
59) Fluorene	15.78	166	439550	102.97	ng/ul	96
70) Phenanthrene	17.52	178	1674848m	227.58	ng/ul	
72) Anthracene	17.61	178	166486	22.30	ng/ul	99
75) Carbazole	17.87	167	78530	12.52	ng/ul	98
77) Fluoranthene	19.53	202	1065096	123.83	ng/ul	100
80) Pyrene	19.88	202	717784	66.50	ng/ul	99
83) Benzo(a)anthracene	21.73	228	194164	18.66	ng/ul	98
85) Chrysene	21.79	228	156327	15.95	ng/ul	96
88) Benzo(b)fluoranthene	23.98	252	83454	8.05	ng/ul	98
89) Benzo(k)fluoranthene	24.04	252	29026m	2.92	ng/ul	
91) Benzo(a)pyrene	24.86	252	46240	4.71	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.74	276	13552m	1.16	ng/ul	

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

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