Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020533.D
Acq On : 26 Dec 2015 10:16
Operator : UM/SJ
Sample : G4802-12
Misc :
ALS Vial : 70 Sample Multiplier: 1

Quant Time: Dec 28 06:37:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 06:13:05 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : G9D87

Manual Integrations APPROVED
Sohil
12/28/2015 6:06:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	20678	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	88403	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	61545	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	145320	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	182182	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	182725	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	855	2.28	ng/uL	0.00
5) Phenol-d5	7.23	99	23931	14.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	16093	16.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	20111	15.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	14751	10.57	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	11301	16.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	13503	17.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	22576	14.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	14644	8.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	76508	15.08	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	98261	16.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	7902	9.34	ng/ul	0.00
58) Fluorene-d10	15.70	176	75861	16.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	8019	8.33	ng/ul	0.00
71) Anthracene-d10	17.56	188	119195	17.51	ng/ul	0.00
79) Pyrene-d10	19.84	212	140632	17.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	163481	17.70	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.95	128	212043	45.12	ng/ul	98
34) 2-Methylnaphthalene	12.54	142	101139	29.09	ng/ul	100
41) 1,1'-Biphenyl	13.54	154	16645	3.50	ng/ul	97
45) Dimethylphthalate	14.15	163	44101	8.55	ng/ul	99
48) Acenaphthylene	14.44	152	90659	14.68	ng/ul	99
50) Acenaphthene	14.77	153	12737	3.05	ng/ul	93
54) Dibenzofuran	15.11	168	10512	1.69	ng/ul	91
59) Fluorene	15.76	166	38627	7.67	ng/ul	96
70) Phenanthrene	17.50	178	236159	29.21	ng/ul	99
72) Anthracene	17.59	178	51660	6.25	ng/ul	100
77) Fluoranthene	19.51	202	127853	12.57	ng/ul	98
80) Pyrene	19.87	202	273072	26.51	ng/ul	97
83) Benzo(a)anthracene	21.71	228	128200	11.98	ng/ul#	89
85) Chrysene	21.78	228	160150	15.71	ng/ul	91
88) Benzo(b)fluoranthene	23.97	252	299827	27.34	ng/ul	96
89) Benzo(k)fluoranthene	24.02	252	47728m	4.50	ng/ul	
91) Benzo(a)pyrene	24.86	252	306676	29.09	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.74	276	200883	15.91	ng/ul	97
93) Dibenzo(a,h)anthracene	28.78	278	66256	6.32	ng/ul	96
94) Benzo(g,h,i)perylene	29.92	276	239938	23.14	ng/ul	98

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

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