Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020542.D
Acq On : 26 Dec 2015 16:09
Operator : UM/SJ
Sample : G4802-21
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D96

Manual Integrations APPROVED
Sohil
12/28/2015 6:07:16 PM

Quant Time: Dec 28 07:24:15 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	18101	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	78610	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	55350	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	135696	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	168244	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	159678	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1102	3.36	ng/uL	0.00
5) Phenol-d5	7.23	99	25567	17.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	15931	18.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	21548	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	22431	18.35	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	11699	18.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	13085	18.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	24457	18.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	24529	15.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	86935	19.06	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	102963	19.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	8944	11.76	ng/ul	0.00
58) Fluorene-d10	15.71	176	81069	19.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	7224	8.03	ng/ul	0.01
71) Anthracene-d10	17.56	188	128032	20.14	ng/ul	0.00
79) Pyrene-d10	19.84	212	149821	20.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	170132	21.08	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.94	128	59684	14.28	ng/ul	99
41) 1,1'-Biphenyl	13.54	154	51200	11.99	ng/ul#	95
45) Dimethylphthalate	14.15	163	26086	5.62	ng/ul	97
48) Acenaphthylene	14.44	152	39218	7.06	ng/ul#	94
50) Acenaphthene	14.78	153	112862	30.05	ng/ul	99
54) Dibenzofuran	15.11	168	18295	3.27	ng/ul	97
59) Fluorene	15.76	166	119129	26.31	ng/ul	100
70) Phenanthrene	17.50	178	631322	83.62	ng/ul	99
72) Anthracene	17.59	178	146283	18.95	ng/ul	99
75) Carbazole	17.86	167	7301	1.12	ng/ul#	89
77) Fluoranthene	19.51	202	219454	23.11	ng/ul	98
80) Pyrene	19.87	202	327098	34.38	ng/ul	98
83) Benzo(a)anthracene	21.72	228	128965m	13.05	ng/ul	
85) Chrysene	21.78	228	110674	11.76	ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	87184	9.10	ng/ul	99
89) Benzo(k)fluoranthene	24.02	252	25760m	2.78	ng/ul	
91) Benzo(a)pyrene	24.85	252	105942	11.50	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.73	276	43504	3.94	ng/ul	94
94) Benzo(g,h,i)perylene	29.90	276	43839	4.84	ng/ul	98

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

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