Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020614.D
Acq On : 30 Dec 2015 18:32
Operator : UM/SJ
Sample : G4802-20DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D95DL

Manual Integrations APPROVED
Sohil
12/31/2015 6:34:35 PM

Quant Time: Dec 31 01:36:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 01:03:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	16748	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	76865	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	58048	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	148144	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	175957	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	172385	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	172	0.62	ng/uL	0.00
5) Phenol-d5	7.22	99	6380	4.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	5098	5.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	5541	5.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	1544	1.27	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	3460	5.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	3979	5.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	6278	4.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	4826	3.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	28927	6.09	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	36303	6.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	1957	2.63	ng/ul	0.01
58) Fluorene-d10	15.68	176	29171	6.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	3477	3.87	ng/ul	0.00
71) Anthracene-d10	17.54	188	45907	6.65	ng/ul	0.00
79) Pyrene-d10	19.82	212	55344	7.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	60332	7.01	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.93	128	21294	5.23	ng/ul	96
45) Dimethylphthalate	14.14	163	6174	1.27	ng/ul	98
48) Acenaphthylene	14.42	152	13931m	2.42	ng/ul	
50) Acenaphthene	14.76	153	19571	5.03	ng/ul	98
59) Fluorene	15.74	166	25651	5.43	ng/ul	98
70) Phenanthrene	17.48	178	144200	17.90	ng/ul	99
72) Anthracene	17.57	178	51724	6.28	ng/ul	95
77) Fluoranthene	19.49	202	174863	17.77	ng/ul	100
80) Pyrene	19.85	202	316267	31.03	ng/ul	99
83) Benzo(a)anthracene	21.69	228	126291	12.27	ng/ul	96
85) Chrysene	21.76	228	112566	11.62	ng/ul	96
88) Benzo(b)fluoranthene	23.93	252	76793	7.50	ng/ul#	95
89) Benzo(k)fluoranthene	23.98	252	22410m	2.28	ng/ul	
91) Benzo(a)pyrene	24.81	252	87525	8.90	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.68	276	37086	3.16	ng/ul	99
93) Dibenzo(a,h)anthracene	28.71	278	14194m	1.45	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	41346	4.29	ng/ul	98

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

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