Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020700.D
Acq On : 13 Jan 2016 10:25
Operator : SJ/IZ
Sample : H1094-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC972

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:31:27 PM

Quant Time: Jan 13 12:10:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	13482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	61873	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	46222	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	115760	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	135395	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	128978	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	863	3.13	ng/uL	0.00
5) Phenol-d5	7.20	99	25905	22.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	16178	23.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	21714	23.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	21202	21.76	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	10853	22.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12925	22.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	24926	23.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	19775	18.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	92491	22.93	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	108017	23.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	8729	16.12	ng/ul	0.00
58) Fluorene-d10	15.67	176	85773	23.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	12124	19.26	ng/ul	0.00
71) Anthracene-d10	17.53	188	137180	24.18	ng/ul	0.00
79) Pyrene-d10	19.81	212	158654	24.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	171906	25.00	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.91	128	5231	1.50	ng/ul#	89
45) Dimethylphthalate	14.12	163	29190	6.74	ng/ul#	95
50) Acenaphthene	14.74	153	3931	1.19	ng/ul	94
59) Fluorene	15.73	166	5377	1.33	ng/ul#	90
70) Phenanthrene	17.47	178	148740	21.60	ng/ul	98
72) Anthracene	17.56	178	20109	2.89	ng/ul	95
75) Carbazole	17.83	167	11986	2.10	ng/ul	96
77) Fluoranthene	19.48	202	338859	40.47	ng/ul	100
80) Pyrene	19.84	202	401987	46.82	ng/ul	99
83) Benzo(a)anthracene	21.68	228	201275	23.83	ng/ul	98
85) Chrysene	21.75	228	228962	28.67	ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	260367	31.34	ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	69190m	8.43	ng/ul	
91) Benzo(a)pyrene	24.81	252	199227	24.92	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.67	276	131212	13.91	ng/ul	100
93) Dibenzo(a,h)anthracene	28.71	278	37671m	4.85	ng/ul	
94) Benzo(g,h,i)perylene	29.85	276	132706	17.05	ng/ul	99

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

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