Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020701.D
Acq On : 13 Jan 2016 11:04
Operator : SJ/IZ
Sample : H1094-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC961

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:31:23 PM

Quant Time: Jan 13 12:19:23 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	13364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	62136	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	43592	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	107802	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	123171	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	116789	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	551	2.01	ng/uL	0.00
5) Phenol-d5	7.20	99	16797	14.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	11001	15.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	14685	16.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	14040	14.53	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	7777	15.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	8818	15.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	16329	15.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	14208	13.24	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	60663	15.95	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	72230	16.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4081	7.99	ng/ul	0.01
58) Fluorene-d10	15.67	176	56992	16.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	6565	11.20	ng/ul	0.00
71) Anthracene-d10	17.53	188	90467	17.12	ng/ul	0.00
79) Pyrene-d10	19.81	212	102922	17.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	109334	17.56	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.91	128	4845	1.38	ng/ul	98
45) Dimethylphthalate	14.13	163	37040	9.06	ng/ul	99
50) Acenaphthene	14.75	153	3512	1.13	ng/ul	95
59) Fluorene	15.72	166	4726	1.24	ng/ul#	95
70) Phenanthrene	17.47	178	122482	19.10	ng/ul	98
72) Anthracene	17.56	178	16420	2.54	ng/ul	97
75) Carbazole	17.83	167	9937	1.87	ng/ul#	83
77) Fluoranthene	19.48	202	276069	35.41	ng/ul	99
80) Pyrene	19.84	202	330945	42.37	ng/ul	99
83) Benzo(a)anthracene	21.68	228	156452	20.36	ng/ul	96
85) Chrysene	21.75	228	190325	26.20	ng/ul	97
88) Benzo(b)fluoranthene	23.92	252	205356	27.29	ng/ul	97
89) Benzo(k)fluoranthene	23.98	252	64327m	8.66	ng/ul	
91) Benzo(a)pyrene	24.80	252	165444	22.85	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.68	276	109631	12.83	ng/ul	99
93) Dibenzo(a,h)anthracene	28.70	278	31427m	4.47	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	109500	15.54	ng/ul	99

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

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