Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004043.D
Acq On : 15 Jan 2016 12:22
Operator : SJ/UM
Sample : H1100-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC982

Manual Integrations APPROVED
Sohil
1/16/2016 5:00:56 AM

Quant Time: Jan 16 00:57:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 00:22:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	36373	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	176064	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	103291	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	228085	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	193821	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	171017	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.85	99	4832	1.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	2799	1.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	4168	1.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	3487	1.42	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	1652	1.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	1598	1.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	3755	1.45	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.73	166	14724	1.82	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	18705	1.89	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.32	176	14669	2.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.17	188	22510	2.13	ng/ul	0.00
79) Pyrene-d10	19.47	212	24662	2.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	18819	2.20	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	17851	1.95	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	7043	1.09	ng/ul	93
48) Acenaphthylene	14.04	152	34557	3.19	ng/ul	99
50) Acenaphthene	14.39	153	7877	1.10	ng/ul	97
59) Fluorene	15.37	166	15367	1.93	ng/ul	100
70) Phenanthrene	17.12	178	293558	22.89	ng/ul	100
72) Anthracene	17.20	178	69532	5.29	ng/ul	99
75) Carbazole	17.48	167	17806	1.54	ng/ul	96
77) Fluoranthene	19.14	202	452949	33.98	ng/ul	98
80) Pyrene	19.50	202	559459	42.52	ng/ul	98
83) Benzo(a)anthracene	21.26	228	210116	18.20	ng/ul	96
85) Chrysene	21.31	228	250414	22.83	ng/ul	97
88) Benzo(b)fluoranthene	22.85	252	232545	22.37	ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	77623m	7.85	ng/ul	
91) Benzo(a)pyrene	23.42	252	186671	18.93	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.77	276	106969	9.81	ng/ul	97
93) Dibenzo(a,h)anthracene	25.77	278	32842	3.58	ng/ul#	79
94) Benzo(g,h,i)perylene	26.46	276	100767	11.00	ng/ul	98

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

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