Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-69(1-3)-092717

Manual Integrations APPROVED
Sohil
10/15/2017 12:36:58 PM

Quant Time: Oct 13 05:22:28 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	382111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1535559	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	798315	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1466163	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1589686	20.00	ng/ul	0.01
83) Perylene-d12	23.75	264	1773683	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	20441	2.54	ng/uL	0.00
5) Phenol-d5	7.00	99	567926	18.32	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	342951	18.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	487160	18.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	488296	18.29	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	239456	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	269869	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	491557	18.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	95243	3.89	ng/ul	0.01
43) Dimethylphthalate-d6	13.89	166	1497793	21.23	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1771511	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	148781	14.03	ng/ul	0.02
57) Fluorene-d10	15.48	176	1137725	19.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	63884	6.35	ng/ul	0.02
70) Anthracene-d10	17.33	188	1519615	20.96	ng/ul	0.01
76) Pyrene-d10	19.63	212	1587793	19.68	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.60	264	1794413	20.99	ng/ul	0.03
Target Compounds						Qvalue
14) Acetophenone	8.66	105	112937	2.78	ng/ul	90
28) Naphthalene	10.69	128	123200	1.55	ng/ul	97
44) Dimethylphthalate	13.94	163	577569	8.17	ng/ul	99
69) Phenanthrene	17.27	178	583357	6.99	ng/ul	99
71) Anthracene	17.36	178	139294m	1.61	ng/ul	
74) Fluoranthene	19.29	202	1341684	13.33	ng/ul#	71
77) Pyrene	19.66	202	1144155	10.90	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	748824	7.24	ng/ul#	88
81) Bis(2-ethylhexyl)phthalate	21.31	149	709831	10.12	ng/ul	99
82) Chrysene	21.45	228	805739	8.30	ng/ul#	89
85) Benzo(b)fluoranthene	23.04	252	1190849	10.29	ng/ul#	79
86) Benzo(k)fluoranthene	23.09	252	355901m	3.19	ng/ul	
88) Benzo(a)pyrene	23.64	252	742910	6.81	ng/ul#	74
89) Indeno(1,2,3-cd)pyrene	26.14	276	554861	4.79	ng/ul#	78
91) Benzo(g,h,i)perylene	26.89	276	566566	5.97	ng/ul#	75

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

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