Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012139.D
Acq On : 13 Oct 2017 16:21
Operator : SJ/JU
Sample : I5533-10DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-53(0-1)-092817DL

Manual Integrations APPROVED
Sohil
10/15/2017 12:37:37 PM

Quant Time: Oct 14 01:14:21 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 00:15:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	206926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	873083	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.49	164	525506	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.24	188	1254811	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1283864	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1066412	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	5608	1.29	ng/uL	0.00
5) Phenol-d5	7.02	99	92622	5.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	63795	6.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	86780	6.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	72842	5.04	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	43571	6.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	48634	6.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	90360	6.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	55159	3.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	314868	6.78	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	382959	6.81	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.74	143	30713m	4.40	ng/ul	0.00
57) Fluorene-d10	15.49	176	267407	7.01	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.64	200	7448	0.86	ng/ul	0.00
70) Anthracene-d10	17.34	188	440896	7.11	ng/ul	-0.01
76) Pyrene-d10	19.64	212	503961	7.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.60	264	365785	7.11	ng/ul	-0.02
Target Compounds						Qvalue
44) Dimethylphthalate	13.94	163	70964	1.53	ng/ul	98
47) Acenaphthylene	14.22	152	176489	3.20	ng/ul	99
69) Phenanthrene	17.29	178	742363	10.40	ng/ul	99
71) Anthracene	17.37	178	191178	2.59	ng/ul	97
74) Fluoranthene	19.30	202	2299863	26.70	ng/ul#	93
77) Pyrene	19.67	202	2410122	28.43	ng/ul#	93
80) Benzo(a)anthracene	21.41	228	1317869	15.78	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.31	149	77134	1.36	ng/ul#	98
82) Chrysene	21.46	228	1303081	16.61	ng/ul	96
85) Benzo(b)fluoranthene	23.05	252	1443299	20.74	ng/ul#	96
86) Benzo(k)fluoranthene	23.09	252	471309m	7.03	ng/ul	
88) Benzo(a)pyrene	23.66	252	962726	14.68	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.14	276	655436	9.41	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.14	278	176674	3.02	ng/ul#	78
91) Benzo(g,h,i)perylene	26.89	276	605683	10.62	ng/ul#	92

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

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