Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012138.D
Acq On : 13 Oct 2017 15:45
Operator : SJ/JU
Sample : I5533-09DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-54(1-2)-092817DL

Manual Integrations APPROVED
Sohil
10/15/2017 12:37:36 PM

Quant Time: Oct 14 01:06:41 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	185902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	821055	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	503715	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1172061	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1322414	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1067019	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	1319	0.34	ng/uL	0.00
5) Phenol-d5	7.02	99	19268	1.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	12586	1.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	17409	1.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	16364	1.26	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	7809	1.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	8200	1.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	17495	1.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	15628m	1.19	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	63349	1.42	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	77677	1.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.75	143	2815	0.42	ng/ul	0.02
57) Fluorene-d10	15.49	176	56904	1.56	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.34	188	92802	1.60	ng/ul	0.00
76) Pyrene-d10	19.64	212	103008	1.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	74805	1.45	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.70	128	373661	8.80	ng/ul	99
34) 2-Methylnaphthalene	12.32	142	169751	5.30	ng/ul	94
40) 1,1'-Biphenyl	13.33	154	67373	1.58	ng/ul	98
49) Acenaphthene	14.56	153	428997	12.04	ng/ul	99
53) Dibenzofuran	14.90	168	558560	10.88	ng/ul	98
58) Fluorene	15.54	166	718871	16.86	ng/ul	98
69) Phenanthrene	17.29	178	8434807	126.51	ng/ul	99
71) Anthracene	17.38	178	1950299	28.25	ng/ul	99
72) Carbazole	17.65	167	541537	9.27	ng/ul	98
74) Fluoranthene	19.31	202	9059883	112.60	ng/ul#	91
77) Pyrene	19.67	202	7639291	87.47	ng/ul#	91
80) Benzo(a)anthracene	21.42	228	3615048	42.01	ng/ul	97
82) Chrysene	21.47	228	3090128	38.25	ng/ul	96
85) Benzo(b)fluoranthene	23.06	252	3040464	43.66	ng/ul#	97
86) Benzo(k)fluoranthene	23.09	252	970071m	14.46	ng/ul	
88) Benzo(a)pyrene	23.66	252	2223700	33.88	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.16	276	1213810	17.42	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.16	278	313279	5.35	ng/ul#	81
91) Benzo(g,h,i)perylene	26.90	276	1088026	19.06	ng/ul#	90

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

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