Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012513.D
Acq On : 28 Oct 2017 07:51
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-38(FILL)_100917

Manual Integrations APPROVED
Sohil
10/30/2017 6:30:32 PM

Quant Time: Oct 30 06:46:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	554447	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1988227	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1114338	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2416153	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2789467	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3145980	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	11553	1.06	ng/uL	0.00
5) Phenol-d5	7.04	99	233910	5.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	150715	5.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	183382	5.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	176943	4.47	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	85830	6.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	92809	7.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	180343	5.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	59076	1.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	533542	5.48	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	657645	5.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	61518	4.25	ng/ul	0.00
57) Fluorene-d10	15.49	176	458701	5.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	36482	3.12	ng/ul	0.00
70) Anthracene-d10	17.34	188	702127	6.10	ng/ul	0.00
76) Pyrene-d10	19.63	212	772316	6.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	880298	5.89	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.06	94	56236	1.166	ng/ul#	85
28) Naphthalene	10.71	128	118122	1.198	ng/ul	98
44) Dimethylphthalate	13.95	163	111834	1.161	ng/ul	98
47) Acenaphthylene	14.22	152	357122	3.250	ng/ul	98
49) Acenaphthene	14.56	153	144854	1.924	ng/ul	98
53) Dibenzofuran	14.90	168	145524	1.306	ng/ul	98
58) Fluorene	15.55	166	189687	2.013	ng/ul	99
69) Phenanthrene	17.29	178	3672291	28.105	ng/ul	99
71) Anthracene	17.37	178	966059	7.153	ng/ul	99
72) Carbazole	17.64	167	391674	3.501	ng/ul	100
73) Di-n-butylphthalate	18.20	149	341209	2.392	ng/ul	97
74) Fluoranthene	19.30	202	7783168	52.569	ng/ul#	93
77) Pyrene	19.66	202	6811616	42.941	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	4476611	26.800	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.33	149	11268234	118.507	ng/ul#	84
82) Chrysene	21.45	228	3992179	26.881	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	6255715	32.167	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	2172294m	11.868	ng/ul	
88) Benzo(a)pyrene	23.62	252	4447947	23.989	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.07	276	3498112	16.030	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.07	278	934222	5.050	ng/ul#	89
91) Benzo(g,h,i)perylene	26.79	276	2733998	15.459	ng/ul#	94

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

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