Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-38(0-1)_100917

Manual Integrations APPROVED
Sohil
10/30/2017 6:31:11 PM

Quant Time: Oct 30 15:58:19 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	7.88	152	682277	20.00	ng/ul	0.01
18) Naphthalene-d8	10.67	136	2352880	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.50	164	1261080	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2510395	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2784973	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3176223	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	23506	1.76	ng/uL	0.00
5) Phenol-d5	7.05	99	505374	8.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	1139947	33.69	ng/ul	0.02
9) 2-Chlorophenol-d4	7.42	132	352482	8.26	ng/ul	0.01
13) 4-Methylphenol-d8	8.57	113	403679	8.29	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	163232	11.08	ng/ul	0.01
22) 2-Nitrophenol-d4	9.76	143	178903	11.78	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.29	165	340036	8.46	ng/ul	0.01
29) 4-Chloroaniline-d4	10.79	131	1994100	47.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	1002660	9.10	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1245667	9.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	52269	3.19	ng/ul	0.00
57) Fluorene-d10	15.49	176	812710	8.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	16228	1.34	ng/ul	0.00
70) Anthracene-d10	17.34	188	1160705	9.70	ng/ul	0.00
76) Pyrene-d10	19.63	212	1236666	9.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1422160	9.42	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.07	94	158132	2.665	ng/ul#	51
49) Acenaphthene	14.57	153	241399	2.834	ng/ul	99
53) Dibenzofuran	14.90	168	188747	1.497	ng/ul	96
58) Fluorene	15.55	166	156389	1.467	ng/ul#	95
69) Phenanthrene	17.29	178	808939	5.959	ng/ul	99
71) Anthracene	17.37	178	224534m	1.600	ng/ul	
74) Fluoranthene	19.30	202	1123921	7.306	ng/ul#	92
77) Pyrene	19.66	202	1057709	6.679	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	646571	3.877	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.33	149	834983	8.796	ng/ul	99
82) Chrysene	21.45	228	604984m	4.080	ng/ul	
85) Benzo(b)fluoranthene	23.03	252	898247	4.575	ng/ul#	81
86) Benzo(k)fluoranthene	23.07	252	328979m	1.780	ng/ul	
88) Benzo(a)pyrene	23.62	252	664532	3.550	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	26.07	276	542779	2.464	ng/ul#	91
91) Benzo(g,h,i)perylene	26.79	276	475299	2.662	ng/ul#	87

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

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