Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012188.D
Acq On : 15 Oct 2017 01:54
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations APPROVED
Sohil
10/16/2017 7:48:20 PM

Quant Time: Oct 15 06:54:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 06:19:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	138476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	625175	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	425225	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1060945	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1100667	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	898123	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	10222	3.51	ng/uL	0.00
5) Phenol-d5	6.98	99	249295	22.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	142547	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	227507	23.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	210467	21.76	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	113365	23.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	141434	25.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	273784	25.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	160814	16.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	967248	25.74	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1179333	25.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	103681	18.35	ng/ul	0.00
57) Fluorene-d10	15.46	176	866829	28.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	112971	15.52	ng/ul	0.00
70) Anthracene-d10	17.31	188	1400181	26.69	ng/ul	0.00
76) Pyrene-d10	19.60	212	1670669	29.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1185826	27.39	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.92	163	377898	10.036	ng/ul	100
49) Acenaphthene	14.53	153	44036	1.463	ng/ul	98
58) Fluorene	15.51	166	53884	1.497	ng/ul	97
69) Phenanthrene	17.25	178	1192246	19.754	ng/ul	99
71) Anthracene	17.34	178	257375	4.119	ng/ul	98
72) Carbazole	17.62	167	98273	1.858	ng/ul	95
74) Fluoranthene	19.27	202	3287057	45.130	ng/ul#	96
77) Pyrene	19.63	202	2880613	39.629	ng/ul#	94
80) Benzo(a)anthracene	21.37	228	1662050	23.207	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	114331	2.355	ng/ul	98
82) Chrysene	21.43	228	1491903	22.187	ng/ul	97
85) Benzo(b)fluoranthene	23.01	252	1851641	31.593	ng/ul#	97
86) Benzo(k)fluoranthene	23.04	252	645027m	11.420	ng/ul	
88) Benzo(a)pyrene	23.60	252	1267152	22.939	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.06	276	798172	13.606	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.06	278	206821	4.194	ng/ul#	81
91) Benzo(g,h,i)perylene	26.80	276	635084	13.218	ng/ul#	93

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

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