Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012207.D
Acq On : 15 Oct 2017 14:00
Operator : SJ/JU
Sample : I5522-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
Sohil
10/16/2017 7:48:59 PM

Quant Time: Oct 16 02:57:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	219854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	899172	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	500482	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	929962	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	847562	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	935657	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	23981	5.18	ng/uL	0.00
5) Phenol-d5	6.99	99	446436	25.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	263072	24.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	422596	27.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	359553	23.41	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	201176	29.32	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	235531	29.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	462651	30.22	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	304401	21.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1388694	31.39	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1669587	31.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	100916	15.17	ng/ul	0.01
57) Fluorene-d10	15.46	176	1093297	30.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	67510	10.58	ng/ul	0.02
70) Anthracene-d10	17.32	188	1383602	30.09	ng/ul	0.00
76) Pyrene-d10	19.61	212	1358360	31.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1405848	31.17	ng/ul	0.02
Target Compounds						Qvalue
44) Dimethylphthalate	13.92	163	390471	8.811	ng/ul	99
69) Phenanthrene	17.26	178	785221	14.843	ng/ul	100
71) Anthracene	17.35	178	114375	2.088	ng/ul	98
72) Carbazole	17.63	167	60222	1.299	ng/ul	97
73) Di-n-butylphthalate	18.17	149	250418	3.891	ng/ul#	97
74) Fluoranthene	19.27	202	1128143	17.670	ng/ul#	95
77) Pyrene	19.64	202	971882	17.363	ng/ul#	95
80) Benzo(a)anthracene	21.38	228	562738	10.204	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.29	149	37749	1.010	ng/ul#	98
82) Chrysene	21.43	228	564666	10.905	ng/ul	96
85) Benzo(b)fluoranthene	23.01	252	852564	13.963	ng/ul#	96
86) Benzo(k)fluoranthene	23.06	252	262552m	4.462	ng/ul	
88) Benzo(a)pyrene	23.61	252	558721	9.709	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	406645	6.654	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.09	278	116068	2.259	ng/ul#	79
91) Benzo(g,h,i)perylene	26.82	276	336597	6.725	ng/ul#	93

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

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