Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060717\
Data File : BM010436.D
Acq On : 07 Jun 2017 16:39
Operator : SJ/MA
Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

Manual Integrations APPROVED
mohammad
6/8/2017 11:16:31 AM

Quant Time: Jun 08 10:58:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 08 01:22:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	252194	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	959834	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	666957	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1813963	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	3308225	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	2536044	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	20395	3.32	ng/uL	0.00
5) Phenol-d5	7.09	99	357906	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	202735	18.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	314688	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	314267	20.38	ng/ul	-0.01
19) Nitrobenzene-d5	9.09	128	148626	21.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	180517	22.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.34	165	397890	23.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	309701	19.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	1381874	24.94	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1568789	24.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	173578	20.94	ng/ul	0.00
57) Fluorene-d10	15.54	176	1296988	26.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	178944	13.93	ng/ul	0.00
70) Anthracene-d10	17.39	188	2346665	26.59	ng/ul	0.00
76) Pyrene-d10	19.69	212	3571128	26.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	3004334	25.44	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.13	94	24463	1.249	ng/ul	96
28) Naphthalene	10.76	128	81146	1.686	ng/ul#	95
44) Dimethylphthalate	14.00	163	320562	5.882	ng/ul	97
49) Acenaphthene	14.61	153	441849	9.973	ng/ul	99
53) Dibenzofuran	14.94	168	344951	5.265	ng/ul	97
58) Fluorene	15.59	166	552780	10.286	ng/ul	98
69) Phenanthrene	17.34	178	12928409m	133.504	ng/ul	
71) Anthracene	17.43	178	1179850	11.671	ng/ul	97
72) Carbazole	17.72	167	1728462	20.200	ng/ul	98
74) Fluoranthene	19.34	202	20913229m	175.617	ng/ul	
77) Pyrene	19.71	202	19820336m	116.265	ng/ul	
80) Benzo(a)anthracene	21.44	228	13040279	69.900	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.32	149	310175	3.538	ng/ul	99
82) Chrysene	21.50	228	15784516	93.599	ng/ul#	83
85) Benzo(b)fluoranthene	23.10	252	23314652m	157.993	ng/ul	
86) Benzo(k)fluoranthene	23.14	252	7845135	55.650	ng/ul#	97
88) Benzo(a)pyrene	23.71	252	13663734	93.413	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.22	276	9832761	53.207	ng/ul	99
90) Dibenzo(a,h)anthracene	26.21	278	2236936	14.055	ng/ul#	91
91) Benzo(g,h,i)perylene	26.97	276	8183263	53.750	ng/ul	95

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

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