Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010740.D
Acq On : 24 Jun 2017 21:15
Operator : SJ/JU
Sample : I3653-04ME
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B21ME

Manual Integrations APPROVED
mohammad
6/28/2017 7:43:22 AM

Quant Time: Jun 26 08:27:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	65619	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	295721	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	202988	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	524467	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	631806	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	481214	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	1455	1.27	ng/uL	0.00
5) Phenol-d5	6.65	99	53745	8.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	32200	9.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	42850	9.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	47660	9.20	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	22246	10.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	24490	10.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	50366	9.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	56805	10.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	197020	11.06	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	218498	10.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	23805	7.59	ng/ul	-0.01
57) Fluorene-d10	15.11	176	174053	11.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	28481	8.84	ng/ul	0.00
70) Anthracene-d10	16.96	188	289445	11.43	ng/ul	0.00
76) Pyrene-d10	19.27	212	362198	12.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	261158	11.23	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.27	128	1154840	78.47	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	235701	19.92	ng/ul	91
40) 1,1'-Biphenyl	12.93	154	71460	4.50	ng/ul	97
44) Dimethylphthalate	13.57	163	99201	5.68	ng/ul	97
49) Acenaphthene	14.17	153	173961	13.06	ng/ul	98
53) Dibenzofuran	14.51	168	272845	13.53	ng/ul	94
58) Fluorene	15.16	166	244555	14.48	ng/ul	96
69) Phenanthrene	16.91	178	1212451	43.48	ng/ul	99
71) Anthracene	17.00	178	196273	6.83	ng/ul	97
72) Carbazole	17.27	167	191603	7.65	ng/ul	94
74) Fluoranthene	18.93	202	728067	20.26	ng/ul#	95
77) Pyrene	19.30	202	479942	13.15	ng/ul	99
80) Benzo(a)anthracene	21.06	228	155730	4.23	ng/ul	98
82) Chrysene	21.12	228	115683	3.53	ng/ul	98
85) Benzo(b)fluoranthene	22.58	252	68724	2.20	ng/ul#	99
88) Benzo(a)pyrene	23.12	252	37312m	1.30	ng/ul	

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

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