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

Quantitation Report (LSC Reviewed)

Data File : BM010730.D
Acq On : 24 Jun 2017 15:15
Operator : SJ/JU
Sample : I3625-16 25X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C83

Quant Time: Jun 26 05:03:30 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	59885	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	270035	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	191198	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	471438	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	522710	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	396996	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	4291	0.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	2545	0.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	3799	0.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	3798	0.80	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	1661	0.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	2159	0.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	4271	0.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	5254	1.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	16897	1.01	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	19358	0.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1825	0.62	ng/ul	0.00
57) Fluorene-d10	15.11	176	17008	1.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1867	0.64	ng/ul	0.00
70) Anthracene-d10	16.96	188	26015	1.14	ng/ul	0.00
76) Pyrene-d10	19.27	212	30871	1.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	20454	1.07	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	23198	3.95	ng/ul	98
11) 2-Methylphenol	7.90	108	10152	2.27	ng/ul	83
16) 4-Methylphenol	8.23	108	36668	7.44	ng/ul	99
28) Naphthalene	10.27	128	909374	67.67	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	211923	19.62	ng/ul	93
40) 1,1'-Biphenyl	12.93	154	49978	3.34	ng/ul	98
49) Acenaphthene	14.17	153	138317	11.03	ng/ul	99
53) Dibenzofuran	14.51	168	198945	10.47	ng/ul	92
58) Fluorene	15.17	166	156501	9.84	ng/ul	98
69) Phenanthrene	16.91	178	1040693	41.52	ng/ul	99
71) Anthracene	17.00	178	120687	4.67	ng/ul	95
74) Fluoranthene	18.94	202	767031	23.75	ng/ul	98
77) Pyrene	19.30	202	504989	16.73	ng/ul	98
80) Benzo(a)anthracene	21.06	228	172987	5.68	ng/ul	98
82) Chrysene	21.12	228	133784	4.93	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	72434	2.81	ng/ul#	94
86) Benzo(k)fluoranthene	22.63	252	28282	1.16	ng/ul#	91
88) Benzo(a)pyrene	23.12	252	43517	1.83	ng/ul#	95

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

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