Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010672.D
Acq On : 22 Jun 2017 22:33
Operator : SJ/JU
Sample : I3653-02 25X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19

Manual Integrations APPROVED
mohammad
6/26/2017 8:26:11 AM

Quant Time: Jun 23 05:55:58 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	60916	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	272112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	185950	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	457821	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	556500	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	425885	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	2394	0.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	1616	0.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	1849m	0.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	1938m	0.40	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	790m	0.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	1489	0.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	2593	0.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	7138	1.44	ng/ul	0.01
43) Dimethylphthalate-d6	13.53	166	11678	0.72	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	11247	0.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1901	0.66	ng/ul	0.00
57) Fluorene-d10	15.11	176	11222	0.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	1175	0.42	ng/ul	0.00
70) Anthracene-d10	16.97	188	17442	0.79	ng/ul	0.00
76) Pyrene-d10	19.28	212	20559	0.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	14939	0.73	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.29	128	4482046	330.986	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	868462	79.782	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	254070	17.477	ng/ul	99
47) Acenaphthylene	13.83	152	76564	4.234	ng/ul#	94
49) Acenaphthene	14.18	153	849858	69.665	ng/ul	100
53) Dibenzofuran	14.52	168	1035937	56.073	ng/ul	90
58) Fluorene	15.17	166	1124364	72.690	ng/ul	100
69) Phenanthrene	16.92	178	5640690	231.751	ng/ul	98
71) Anthracene	17.00	178	779361	31.081	ng/ul	98
72) Carbazole	17.27	167	512110	23.409	ng/ul	97
74) Fluoranthene	18.94	202	3464723	110.455	ng/ul#	96
77) Pyrene	19.31	202	2222117	69.131	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	704145	21.728	ng/ul	98
82) Chrysene	21.12	228	508755	17.608	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	307265	11.114	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	109065m	4.161	ng/ul	
88) Benzo(a)pyrene	23.13	252	172479	6.777	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	48131	1.823	ng/ul	97
91) Benzo(g,h,i)perylene	25.97	276	28382	1.351	ng/ul	97

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

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