Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010630.D
Acq On : 21 Jun 2017 19:28
Operator : SJ/JU
Sample : I3627-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A90

Manual Integrations APPROVED
mohammad
6/22/2017 5:32:47 PM

Quant Time: Jun 22 01:29:34 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 00:43:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	69816	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	317829	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	216898	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	539592	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	664656	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	620740	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	3738	3.07	ng/uL	0.00
5) Phenol-d5	6.65	99	96216	14.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	60363	15.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	79870	17.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	86098	15.61	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	40583	17.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	48940	18.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	95049	17.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	110924	19.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	380213	19.97	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	422761	19.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	47811	14.27	ng/ul	0.00
57) Fluorene-d10	15.12	176	325368	19.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	59081	17.83	ng/ul	0.00
70) Anthracene-d10	16.97	188	533621m	20.48	ng/ul	0.00
76) Pyrene-d10	19.28	212	637082	20.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	618042	20.60	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.29	128	2908504	183.889	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	609183	47.913	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	155787	9.187	ng/ul	98
44) Dimethylphthalate	13.59	163	140826	7.545	ng/ul	99
49) Acenaphthene	14.18	153	431393	30.317	ng/ul	98
53) Dibenzofuran	14.52	168	663929	30.809	ng/ul	92
58) Fluorene	15.17	166	441092	24.448	ng/ul	97
69) Phenanthrene	16.92	178	3227717	112.516	ng/ul	98
71) Anthracene	17.00	178	381211	12.899	ng/ul	98
72) Carbazole	17.28	167	63840	2.476	ng/ul	98
74) Fluoranthene	18.94	202	1770722	47.896	ng/ul	97
77) Pyrene	19.31	202	997868	25.992	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	359806	9.296	ng/ul	97
82) Chrysene	21.12	228	284746	8.251	ng/ul	100
85) Benzo(b)fluoranthene	22.59	252	205587	5.102	ng/ul	97
86) Benzo(k)fluoranthene	22.63	252	60988m	1.597	ng/ul	
88) Benzo(a)pyrene	23.13	252	107236	2.891	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.33	276	41107	1.068	ng/ul#	97

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

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