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

Quantitation Report (LSC Reviewed)

Data File : BM010690.D
Acq On : 23 Jun 2017 14:04
Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Manual Integrations APPROVED
mohammad
6/27/2017 5:02:34 PM

Quant Time: Jun 24 04:04:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 03:35:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	82914	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	384443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	257208	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	596556	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	487877	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	353529	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	3502	2.42	ng/uL	0.00
5) Phenol-d5	6.65	99	108303	13.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	56968	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	84543	15.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	89739	13.70	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	41016	14.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	51411	16.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	105247	15.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	107191	15.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	380647	16.86	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	380588	14.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	77891	19.60	ng/ul	0.00
57) Fluorene-d10	15.11	176	314962	16.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	83167	22.70	ng/ul	0.00
70) Anthracene-d10	16.96	188	627803m	21.79	ng/ul	0.00
76) Pyrene-d10	19.28	212	934228	41.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	596264	34.89	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.58	163	60590	2.74	ng/ul	99
47) Acenaphthylene	13.83	152	47780	1.91	ng/ul	96
69) Phenanthrene	16.91	178	359661	11.34	ng/ul	97
71) Anthracene	17.00	178	88536	2.71	ng/ul	98
72) Carbazole	17.27	167	54531	1.91	ng/ul#	94
74) Fluoranthene	18.94	202	1599429	39.13	ng/ul#	96
77) Pyrene	19.31	202	1491853	52.94	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	827979	29.14	ng/ul	99
82) Chrysene	21.12	228	832205	32.85	ng/ul	98
85) Benzo(b)fluoranthene	22.60	252	957099	41.71	ng/ul#	99
86) Benzo(k)fluoranthene	22.63	252	314803m	14.47	ng/ul	
88) Benzo(a)pyrene	23.14	252	621871	29.43	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.34	276	419498	19.14	ng/ul	98
90) Dibenzo(a,h)anthracene	25.34	278	117093	6.41	ng/ul#	93
91) Benzo(g,h,i)perylene	25.99	276	354345	20.31	ng/ul	98

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

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