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

Quantitation Report (LSC Reviewed)

Data File : BM010692.D
Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

Manual Integrations APPROVED
mohammad
6/27/2017 5:02:39 PM

Quant Time: Jun 24 04:14:50 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	72556	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	318306	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	221000	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	541013	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	609646	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	449131	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	1600	1.26	ng/uL	0.01
5) Phenol-d5	6.65	99	27328	3.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	15376	3.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	20423	4.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	23004	4.01	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	11477	5.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	12827	4.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	26089	4.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	38080	6.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	89117	4.59	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	101051	4.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	12437	3.64	ng/ul	0.00
57) Fluorene-d10	15.12	176	77193	4.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	11935	3.59	ng/ul	0.00
70) Anthracene-d10	16.97	188	125395	4.80	ng/ul	0.00
76) Pyrene-d10	19.27	212	148010	5.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	102992	4.74	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.29	128	7005638	442.27	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	1394017	109.48	ng/ul	95
40) 1,1'-Biphenyl	12.93	154	334456	19.36	ng/ul	99
47) Acenaphthylene	13.83	152	73591	3.42	ng/ul#	93
49) Acenaphthene	14.18	153	987004	68.08	ng/ul	99
53) Dibenzofuran	14.52	168	1156129	52.65	ng/ul	91
58) Fluorene	15.17	166	1134457	61.71	ng/ul	99
69) Phenanthrene	16.92	178	5209838	181.13	ng/ul	98
71) Anthracene	17.00	178	721014	24.33	ng/ul	99
72) Carbazole	17.27	167	313166	12.11	ng/ul	98
74) Fluoranthene	18.94	202	3152403	85.04	ng/ul#	97
77) Pyrene	19.31	202	2068979	58.76	ng/ul	98
80) Benzo(a)anthracene	21.07	228	627416	17.67	ng/ul	98
82) Chrysene	21.12	228	449546	14.20	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	284888	9.77	ng/ul	100
86) Benzo(k)fluoranthene	22.63	252	97743m	3.54	ng/ul	
88) Benzo(a)pyrene	23.13	252	158396	5.90	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.33	276	46491	1.67	ng/ul	97
91) Benzo(g,h,i)perylene	25.96	276	29809	1.35	ng/ul#	91

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

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