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

Quantitation Report (LSC Reviewed)

Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

Manual Integrations APPROVED
mohammad
6/28/2017 7:48:59 AM

Quant Time: Jun 26 04:04:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	72860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	327918	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	226633	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	563819	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	647300	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	484577	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.65	99	10916	1.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	6442	1.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	8300	1.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	9113	1.58	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	5126	2.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	4748	1.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	10293	1.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	22293	3.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	39317	1.98	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	44155	1.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	5736	1.64	ng/ul	0.00
57) Fluorene-d10	15.11	176	37786	2.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	4456	1.29	ng/ul	0.01
70) Anthracene-d10	16.97	188	61503	2.26	ng/ul	0.00
76) Pyrene-d10	19.27	212	72565	2.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	49978	2.13	ng/ul	0.00
Target Compounds						Qvalue
16) 4-Methylphenol	8.23	108	6104	1.02	ng/ul	96
24) 2,4-Dimethylphenol	9.42	107	12734	1.75	ng/ul#	90
28) Naphthalene	10.29	128	10195921	624.80	ng/ul	100
34) 2-Methylnaphthalene	11.90	142	1895853	144.52	ng/ul	96
40) 1,1'-Biphenyl	12.93	154	445958	25.17	ng/ul	99
47) Acenaphthylene	13.83	152	121058	5.49	ng/ul#	94
49) Acenaphthene	14.18	153	1396073	93.90	ng/ul	99
53) Dibenzofuran	14.52	168	1592864	70.74	ng/ul	91
58) Fluorene	15.17	166	1677877	89.00	ng/ul	99
69) Phenanthrene	16.92	178	8058022	268.83	ng/ul	98
71) Anthracene	17.00	178	1166293	37.77	ng/ul	98
72) Carbazole	17.27	167	543457	20.17	ng/ul	98
74) Fluoranthene	18.95	202	4944326	127.99	ng/ul#	97
77) Pyrene	19.31	202	3174707	84.91	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	952611	25.27	ng/ul	99
82) Chrysene	21.12	228	716248	21.31	ng/ul	98
85) Benzo(b)fluoranthene	22.59	252	454340	14.44	ng/ul#	97
86) Benzo(k)fluoranthene	22.62	252	144733m	4.85	ng/ul	
88) Benzo(a)pyrene	23.13	252	249775	8.63	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	73677	2.45	ng/ul#	95
91) Benzo(g,h,i)perylene	25.97	276	41294	1.73	ng/ul#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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