Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023134.D
Acq On : 11 Oct 2019 17:44
Operator : JU
Sample : K5124-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79

Quant Time: Oct 14 10:53:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	177679	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	681866	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	366319	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	695850	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	653566	20.00	ng/ul	0.01
86) Perylene-d12	23.61	264	932895	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	12377	3.01	ng/uL	0.00
5) Phenol-d5	7.10	99	278690m	17.75	ng/ul	0.16
7) Bis-(2-Chloroethyl)ether-d	7.10	67	138849	16.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	218179	17.26	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	209547m	16.30	ng/ul	0.05
19) Nitrobenzene-d5	8.95	128	107769	20.48	ng/ul	0.02
22) 2-Nitrophenol-d4	9.66	143	121718	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	218876	19.13	ng/ul	0.02
29) 4-Chloroaniline-d4	10.72	131	61121	4.40	ng/ul	0.02
44) Dimethylphthalate-d6	13.83	166	566454	19.92	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	694789	21.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	85290	15.18	ng/ul	0.01
58) Fluorene-d10	15.40	176	473610	19.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	63452	14.01	ng/ul	0.00
71) Anthracene-d10	17.25	188	699514	20.59	ng/ul	0.00
79) Pyrene-d10	19.56	212	779997	22.17	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.47	264	925485	19.18	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.62	128	91771	2.492	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	30258	1.096	ng/ul	99
45) Dimethylphthalate	13.87	163	177379	6.074	ng/ul	100
48) Acenaphthylene	14.14	152	1749356	49.368	ng/ul	100
50) Acenaphthene	14.47	153	59439	2.408	ng/ul	95
54) Dibenzofuran	14.81	168	101274	2.873	ng/ul	100
59) Fluorene	15.46	166	230862	8.103	ng/ul	99
70) Phenanthrene	17.19	178	2268942	54.634	ng/ul	100
72) Anthracene	17.29	178	1097587	25.938	ng/ul	100
75) Carbazole	17.55	167	155407	4.132	ng/ul	97
77) Fluoranthene	19.22	202	6032830	129.161	ng/ul	100
80) Pyrene	19.59	202	6396658	138.068	ng/ul	99
83) Benzo(a)anthracene	21.33	228	3256931	69.410	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.26	149	645947	23.860	ng/ul#	96
85) Chrysene	21.38	228	4340283	100.324	ng/ul	97
88) Benzo(b)fluoranthene	22.94	252	5367367	86.698	ng/ul	96
89) Benzo(k)fluoranthene	22.97	252	1771046m	29.902	ng/ul	
91) Benzo(a)pyrene	23.52	252	4462574	76.833	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.90	276	2906500	47.113	ng/ul	96
93) Dibenzo(a,h)anthracene	25.90	278	820492	15.898	ng/ul	94
94) Benzo(g,h,i)perylene	26.60	276	2396365	48.147	ng/ul	98

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

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