Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023103.D
Acq On : 10 Oct 2019 04:06
Operator : JU
Sample : K5177-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEPA3

Manual Integrations APPROVED
mohammad
10/11/2019 8:28:45 AM

Quant Time: Oct 10 05:40:18 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	189998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	762134	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	425341	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	815637	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	794273	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	964318	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	15291	3.48	ng/uL	0.00
5) Phenol-d5	6.94	99	254151	15.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	159864	17.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	234930	17.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	179295	13.04	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	112462	19.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	120356	18.74	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	217072	16.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	129882	8.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	647280	19.61	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	759947	19.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	66512	10.20	ng/ul	0.00
58) Fluorene-d10	15.40	176	596273	21.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	59710	11.25	ng/ul	0.00
71) Anthracene-d10	17.24	188	857586	21.53	ng/ul	0.00
79) Pyrene-d10	19.54	212	948404	22.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1088789	21.83	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.96	94	38704	2.199	ng/ul	96
45) Dimethylphthalate	13.86	163	242041	7.138	ng/ul	100
48) Acenaphthylene	14.13	152	63151	1.535	ng/ul	98
70) Phenanthrene	17.19	178	621346	12.764	ng/ul	100
72) Anthracene	17.28	178	146482	2.953	ng/ul	99
75) Carbazole	17.54	167	53621	1.216	ng/ul	97
76) Di-n-butylphthalate	18.12	149	113044	2.175	ng/ul	99
77) Fluoranthene	19.20	202	1461167	26.689	ng/ul	99
80) Pyrene	19.57	202	1561938	27.741	ng/ul	99
83) Benzo(a)anthracene	21.31	228	884176	15.505	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	738166	22.436	ng/ul#	99
85) Chrysene	21.36	228	960022	18.260	ng/ul	98
88) Benzo(b)fluoranthene	22.90	252	1253041	19.581	ng/ul#	95
89) Benzo(k)fluoranthene	22.94	252	413637m	6.756	ng/ul	
91) Benzo(a)pyrene	23.49	252	948241	15.794	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.85	276	657686	10.313	ng/ul	97
93) Dibenzo(a,h)anthracene	25.86	278	176873	3.316	ng/ul#	88
94) Benzo(g,h,i)perylene	26.56	276	630987	12.264	ng/ul	98

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

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