Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023227.D
Acq On : 17 Oct 2019 19:42
Operator : JU
Sample : K5236-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPM1

Manual Integrations APPROVED
mohammad
10/20/2019 8:06:15 PM

Quant Time: Oct 18 07:15:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 06:52:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	277760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1091935	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	666515	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1328180	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1361561	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	1700672	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	30250	4.79	ng/uL	0.00
5) Phenol-d5	6.84	99	550712	22.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	320229	23.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	460074	24.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	421483	21.69	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	213769	28.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	239948	34.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	475785	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	486006	22.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1419118	27.78	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1662841	27.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	184179	22.27	ng/ul	0.00
58) Fluorene-d10	15.30	176	1227818	28.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	143212m	27.20	ng/ul	0.00
71) Anthracene-d10	17.16	188	1968079	30.73	ng/ul	0.00
79) Pyrene-d10	19.45	212	2292121	34.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2859653	33.17	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	95325	3.821	ng/ul	96
45) Dimethylphthalate	13.77	163	529015	10.348	ng/ul	100
48) Acenaphthylene	14.03	152	138732	2.265	ng/ul	96
50) Acenaphthene	14.37	153	42918	1.006	ng/ul	97
59) Fluorene	15.36	166	92071	1.853	ng/ul	98
70) Phenanthrene	17.10	178	1457788	19.558	ng/ul	99
72) Anthracene	17.19	178	316551	4.110	ng/ul	99
75) Carbazole	17.46	167	144462	2.099	ng/ul	100
77) Fluoranthene	19.12	202	2831646	31.943	ng/ul	100
80) Pyrene	19.48	202	2268857	26.600	ng/ul	100
83) Benzo(a)anthracene	21.23	228	1364717	14.793	ng/ul	96
85) Chrysene	21.29	228	1344646	15.697	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	2009356	19.487	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	635971m	6.423	ng/ul	
91) Benzo(a)pyrene	23.37	252	1381293	13.963	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.68	276	1014436	8.620	ng/ul	98
93) Dibenzo(a,h)anthracene	25.69	278	279306	2.838	ng/ul#	88
94) Benzo(g,h,i)perylene	26.36	276	905260	9.343	ng/ul	98

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

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