Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023220.D
Acq On : 17 Oct 2019 14:02
Operator : JU
Sample : K5199-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP79DL

Manual Integrations APPROVED
mohammad
10/18/2019 8:28:15 AM

Quant Time: Oct 17 16:07:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	495058	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1955624	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	1192385	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	2335118	20.00	ng/ul	0.01
78) Chrysene-d12	21.26	240	2437673	20.00	ng/ul	0.01
86) Perylene-d12	23.48	264	3090723	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	8532	0.76	ng/uL	0.01
5) Phenol-d5	6.85	99	154524	3.58	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	102859	4.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	139277	4.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	110390	3.19	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	68069	5.14	ng/ul	0.01
22) 2-Nitrophenol-d4	9.54	143	67964	5.39	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.08	165	141736	4.42	ng/ul	0.02
29) 4-Chloroaniline-d4	10.59	131	76001	1.95	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	452498	4.95	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	545487	5.09	ng/ul	0.01
52) 4-Nitrophenol-d4	14.52	143	29204	1.97	ng/ul	0.02
58) Fluorene-d10	15.32	176	416932	5.36	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.44	200	11320	1.22	ng/ul	0.02
71) Anthracene-d10	17.16	188	622016	5.52	ng/ul	0.01
79) Pyrene-d10	19.46	212	655286	5.55	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.34	264	856139	5.46	ng/ul	0.02
Target Compounds						Qvalue
45) Dimethylphthalate	13.78	163	154163	1.686	ng/ul	99
70) Phenanthrene	17.10	178	790392	6.031	ng/ul	99
72) Anthracene	17.20	178	201508	1.488	ng/ul	99
76) Di-n-butylphthalate	18.05	149	2628720	18.260	ng/ul	99
77) Fluoranthene	19.13	202	1697358	10.891	ng/ul	99
80) Pyrene	19.49	202	1807318	11.835	ng/ul	99
83) Benzo(a)anthracene	21.24	228	1159320	7.019	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.20	149	2242454	26.552	ng/ul	100
85) Chrysene	21.29	228	1206204m	7.865	ng/ul	
88) Benzo(b)fluoranthene	22.82	252	1521947	8.122	ng/ul#	95
89) Benzo(k)fluoranthene	22.86	252	503586m	2.799	ng/ul	
91) Benzo(a)pyrene	23.38	252	1190729	6.623	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.71	276	810280	3.788	ng/ul	95
93) Dibenzo(a,h)anthracene	25.71	278	226338	1.266	ng/ul#	72
94) Benzo(g,h,i)perylene	26.39	276	601354	3.415	ng/ul	97

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

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