Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023178.D
Acq On : 15 Oct 2019 22:09
Operator : JU
Sample : K5202-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

Manual Integrations APPROVED
mohammad
10/17/2019 7:58:04 AM

Quant Time: Oct 16 08:17:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 02:28:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	388770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1676827	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1093659	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2338664	20.00	ng/ul	-0.01
78) Chrysene-d12	21.26	240	2434309	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	2336041	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	27333	3.09	ng/uL	0.00
5) Phenol-d5	6.86	99	527933	15.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	324011	16.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	421631	16.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	409660	15.06	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	195269	17.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	187677	17.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	436887	15.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	505646	15.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	1492707	17.81	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1736070	17.66	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	122638	9.04	ng/ul	-0.01
58) Fluorene-d10	15.32	176	1303547	18.26	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	79025	8.52	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2057536	18.25	ng/ul	-0.01
79) Pyrene-d10	19.46	212	2564576	21.75	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.33	264	2418708	20.43	ng/ul	-0.02
Target Compounds						Qvalue
45) Dimethylphthalate	13.79	163	561359	6.692	ng/ul	100
70) Phenanthrene	17.11	178	280234	2.135	ng/ul	99
77) Fluoranthene	19.13	202	870642	5.578	ng/ul	98
80) Pyrene	19.49	202	725439	4.757	ng/ul	98
83) Benzo(a)anthracene	21.24	228	410707	2.490	ng/ul	98
85) Chrysene	21.29	228	422364	2.758	ng/ul	97
88) Benzo(b)fluoranthene	22.81	252	536918	3.791	ng/ul#	97
89) Benzo(k)fluoranthene	22.85	252	185996m	1.368	ng/ul	
91) Benzo(a)pyrene	23.37	252	338989	2.495	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.69	276	201768	1.248	ng/ul	95
94) Benzo(g,h,i)perylene	26.36	276	179879	1.351	ng/ul	97

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

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