Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023180.D
Acq On : 15 Oct 2019 23:21
Operator : JU
Sample : K5202-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

Manual Integrations APPROVED
mohammad
10/17/2019 7:58:09 AM

Quant Time: Oct 16 08:23:14 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	399083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1765044	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1171411	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2496940	20.00	ng/ul	-0.01
78) Chrysene-d12	21.26	240	2491077	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	2402060	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	30475	3.36	ng/uL	0.00
5) Phenol-d5	6.85	99	612712	17.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	382997	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	497076	18.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	523952	18.77	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	233684	19.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	231049	20.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	522622	18.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	643390	18.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	1836625	20.46	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2136274	20.29	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.52	143	136738	9.41	ng/ul	0.00
58) Fluorene-d10	15.32	176	1613126	21.09	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	117663	11.89	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2564890	21.30	ng/ul	-0.01
79) Pyrene-d10	19.46	212	2948106	24.44	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.33	264	2761603	22.68	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	6.88	94	48674	1.358	ng/ul	96
28) Naphthalene	10.52	128	150774	1.653	ng/ul	100
45) Dimethylphthalate	13.79	163	724364	8.062	ng/ul	99
48) Acenaphthylene	14.04	152	152830	1.420	ng/ul	99
50) Acenaphthene	14.39	153	83397	1.113	ng/ul	99
59) Fluorene	15.38	166	181663	2.081	ng/ul	99
70) Phenanthrene	17.12	178	1469534	10.487	ng/ul	100
72) Anthracene	17.20	178	611852	4.225	ng/ul	99
77) Fluoranthene	19.13	202	3079157	18.476	ng/ul	99
80) Pyrene	19.49	202	2398072	15.367	ng/ul	99
83) Benzo(a)anthracene	21.24	228	1670257	9.896	ng/ul	94
85) Chrysene	21.29	228	1280631	8.171	ng/ul	97
88) Benzo(b)fluoranthene	22.81	252	1524468	10.467	ng/ul#	98
89) Benzo(k)fluoranthene	22.85	252	580382m	4.150	ng/ul	
91) Benzo(a)pyrene	23.37	252	1141911	8.172	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.69	276	570563	3.433	ng/ul	99
93) Dibenzo(a,h)anthracene	25.70	278	154992	1.115	ng/ul#	85
94) Benzo(g,h,i)perylene	26.37	276	461119	3.369	ng/ul	99

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

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