Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023250.D
Acq On : 18 Oct 2019 10:03
Operator : JU
Sample : K5235-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPC1

Manual Integrations APPROVED
mohammad
10/20/2019 8:07:18 PM

Quant Time: Oct 18 15:22:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	409900	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1578137	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	963100	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1996306	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2069757	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2517604	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	31653	3.40	ng/uL	0.00
5) Phenol-d5	6.83	99	543813	15.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	334641	16.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	470347	17.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	322796	11.26	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	223245	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	244682	24.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	453301	17.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	444220	14.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1362905	18.47	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1615534	18.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	143271	11.99	ng/ul	0.00
58) Fluorene-d10	15.30	176	1198224	19.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	126397	15.97	ng/ul	0.00
71) Anthracene-d10	17.15	188	1815898	18.86	ng/ul	0.00
79) Pyrene-d10	19.44	212	2264344	22.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2705312	21.20	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	80930	2.198	ng/ul	96
45) Dimethylphthalate	13.77	163	485426	6.571	ng/ul	99
70) Phenanthrene	17.09	178	242870	2.168	ng/ul	99
77) Fluoranthene	19.11	202	603156	4.527	ng/ul	99
80) Pyrene	19.47	202	641082	4.944	ng/ul	100
83) Benzo(a)anthracene	21.23	228	394630	2.814	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.19	149	89792	1.252	ng/ul	99
85) Chrysene	21.27	228	409643	3.146	ng/ul	97
88) Benzo(b)fluoranthene	22.79	252	514645	3.372	ng/ul#	96
89) Benzo(k)fluoranthene	22.83	252	175771m	1.199	ng/ul	
91) Benzo(a)pyrene	23.36	252	394907	2.697	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	263259	1.511	ng/ul	98
94) Benzo(g,h,i)perylene	26.33	276	256796	1.790	ng/ul	99

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

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