Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023226.D
Acq On : 17 Oct 2019 19:06
Operator : JU
Sample : K5236-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPN0

Manual Integrations APPROVED
mohammad
10/20/2019 8:06:12 PM

Quant Time: Oct 18 07:11:51 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	386590	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1553274	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	956170	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1926618	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1965152	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2473839	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	20876	2.38	ng/uL	0.00
5) Phenol-d5	6.84	99	432405	12.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	245822	12.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	360090	13.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	340337	12.58	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	170850	16.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	182963	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	365925	14.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	401405	12.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1095617	14.95	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1279777	14.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	129820	10.94	ng/ul	0.00
58) Fluorene-d10	15.30	176	975159	15.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	91360	11.96	ng/ul	0.00
71) Anthracene-d10	17.16	188	1515010	16.31	ng/ul	0.00
79) Pyrene-d10	19.45	212	1639818	17.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	2067205	16.48	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	79359	2.286	ng/ul	99
45) Dimethylphthalate	13.77	163	438894	5.984	ng/ul	100
48) Acenaphthylene	14.03	152	200801	2.285	ng/ul	99
59) Fluorene	15.36	166	144122	2.022	ng/ul	98
70) Phenanthrene	17.10	178	2381990	22.030	ng/ul	99
72) Anthracene	17.19	178	510963	4.573	ng/ul	99
75) Carbazole	17.46	167	190302	1.907	ng/ul	96
77) Fluoranthene	19.12	202	4435725	34.495	ng/ul	98
80) Pyrene	19.48	202	3517764	28.575	ng/ul	100
83) Benzo(a)anthracene	21.23	228	2111593	15.858	ng/ul	97
85) Chrysene	21.29	228	1927731	15.592	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	2854998	19.035	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	941932m	6.540	ng/ul	
91) Benzo(a)pyrene	23.37	252	2022386	14.054	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.69	276	1444631	8.439	ng/ul	98
93) Dibenzo(a,h)anthracene	25.70	278	388500	2.714	ng/ul#	93
94) Benzo(g,h,i)perylene	26.36	276	1257449	8.921	ng/ul	99

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

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