Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023282.D
Acq On : 19 Oct 2019 11:31
Operator : JU
Sample : K5262-18DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB79DL

Quant Time: Oct 19 23:37:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	399092	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1545271	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	922347	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1861572	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1984851	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2425079	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	2755	0.30	ng/uL	0.01
5) Phenol-d5	6.83	99	46400	1.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	29895	1.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	37172	1.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	33117	1.19	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	16429	1.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	15624	1.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	33804	1.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	22698	0.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	114316	1.62	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	123703	1.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	7086	0.62	ng/ul	0.00
58) Fluorene-d10	15.29	176	105757	1.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	5518	0.75	ng/ul	0.00
71) Anthracene-d10	17.14	188	165729	1.85	ng/ul	0.00
79) Pyrene-d10	19.44	212	192478	2.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	233028	1.90	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	14.02	152	104616	1.234	ng/ul	97
50) Acenaphthene	14.36	153	84151	1.426	ng/ul	95
54) Dibenzofuran	14.70	168	106874	1.276	ng/ul	100
59) Fluorene	15.34	166	110143	1.602	ng/ul	96
70) Phenanthrene	17.09	178	2175150	20.820	ng/ul	99
72) Anthracene	17.17	178	462160	4.281	ng/ul	99
75) Carbazole	17.44	167	194022	2.012	ng/ul	99
77) Fluoranthene	19.10	202	3626790	29.190	ng/ul	100
80) Pyrene	19.47	202	3093282	24.877	ng/ul	100
83) Benzo(a)anthracene	21.22	228	1760427	13.090	ng/ul	98
85) Chrysene	21.27	228	1627919	13.036	ng/ul	97
88) Benzo(b)fluoranthene	22.78	252	2633441	17.910	ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	824058	5.837	ng/ul	96
91) Benzo(a)pyrene	23.34	252	1843303	13.067	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	1442437	8.595	ng/ul	98
93) Dibenzo(a,h)anthracene	25.65	278	367710	2.621	ng/ul#	90
94) Benzo(g,h,i)perylene	26.31	276	1022748	7.402	ng/ul	100

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

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