Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024178.D
Acq On : 19 Dec 2019 17:35
Operator : JU
Sample : K6171-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BZ5

Quant Time: Dec 20 04:07:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	285316	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	1246533	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.10	164	788375	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.86	188	1647938	20.00	ng/ul	-0.01
78) Chrysene-d12	21.07	240	1551180	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1805053	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	18753	2.90	ng/uL	0.00
5) Phenol-d5	6.64	99	322041	11.92	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	242873	14.99	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	265653	13.79	ng/ul	-0.02
13) 4-Methylphenol-d8	8.16	113	221037	10.01	ng/ul	-0.01
19) Nitrobenzene-d5	8.59	128	126296	14.10	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	137645	13.98	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.85	165	246966	12.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	273236	11.75	ng/ul	-0.01
44) Dimethylphthalate-d6	13.53	166	932807	16.00	ng/ul	-0.01
47) Acenaphthylene-d8	13.79	160	1049953	15.03	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.36	143	70233	6.71	ng/ul	0.00
58) Fluorene-d10	15.10	176	803417	15.72	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.26	200	83137	8.27	ng/ul	0.00
71) Anthracene-d10	16.96	188	1128313	15.05	ng/ul	-0.01
79) Pyrene-d10	19.26	212	1320093	17.87	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.07	264	1499142	16.72	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.57	163	162359	2.680	ng/ul	98
70) Phenanthrene	16.90	178	95749	1.038	ng/ul	99
77) Fluoranthene	18.93	202	273284	2.718	ng/ul	99
80) Pyrene	19.29	202	232317	2.294	ng/ul	100
83) Benzo(a)anthracene	21.06	228	110279	1.116	ng/ul	97
85) Chrysene	21.11	228	135979	1.404	ng/ul	96
88) Benzo(b)fluoranthene	22.58	252	189496	1.755	ng/ul#	92
91) Benzo(a)pyrene	23.11	252	118101	1.209	ng/ul#	94
94) Benzo(g,h,i)perylene	25.95	276	95899	1.001	ng/ul	97

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

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