Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023032.D
Acq On : 07 Oct 2019 14:39
Operator : JU
Sample : K5056-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAC7

Quant Time: Oct 07 15:12:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 07 01:10:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	147681	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.57	136	609695	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.42	164	362892	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.16	188	734806	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	765323	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	845335	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	13649	4.00	ng/uL	0.00
5) Phenol-d5	6.95	99	309067	23.69	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	172720	24.19	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.31	132	252167	24.00	ng/ul	-0.01
13) 4-Methylphenol-d8	8.48	113	216352	20.25	ng/ul	-0.02
19) Nitrobenzene-d5	8.93	128	117208	24.91	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.65	143	129120	25.13	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.19	165	262727	25.68	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.70	131	252579	20.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	773529	27.46	ng/ul	0.00
47) Acenaphthylene-d8	14.11	160	907044	27.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	127470	22.91	ng/ul	-0.01
58) Fluorene-d10	15.41	176	661495	27.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	115587	24.17	ng/ul	0.00
71) Anthracene-d10	17.26	188	998893	27.84	ng/ul	0.00
79) Pyrene-d10	19.55	212	1163493	28.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	1300567	29.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	31117	9.212	ng/uL#	90
12) 2,2'-oxybis(1-Chloropropan	8.30	45	230975	16.886	ng/ul	97
20) Nitrobenzene	8.97	77	209898	19.109	ng/ul	99
23) 2-Nitrophenol	9.68	139	141186	24.025	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.98	93	201453	14.597	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	178637	17.252	ng/ul	100
28) Naphthalene	10.62	128	359147	10.907	ng/ul	100
33) 4-Chloro-3-methylphenol	11.85	107	567625	53.246	ng/ul	100
34) 2-Methylnaphthalene	12.23	142	621426	25.172	ng/ul	100
38) Hexachlorocyclopentadiene	12.59	237	161057	21.582	ng/ul	99
39) 2,4,6-Trichlorophenol	12.85	196	143430	18.163	ng/ul	99
42) 2-Chloronaphthalene	13.29	162	464219	20.435	ng/ul	100
46) 2,6-Dinitrotoluene	13.99	165	60912	10.559	ng/ul	96
48) Acenaphthylene	14.13	152	595964	16.977	ng/ul	100
50) Acenaphthene	14.48	153	323282	13.220	ng/ul	99
55) 2,4-Dinitrotoluene	14.77	165	221893	26.070	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.04	232	250406	33.046	ng/ul	97
59) Fluorene	15.46	166	342186	12.124	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.46	204	290639	20.315	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.54	198	433681	81.096	ng/ul	98
66) 4-Bromophenyl-phenylether	16.35	248	216350	24.407	ng/ul	98
67) Hexachlorobenzene	16.47	284	255132	25.814	ng/ul	99
70) Phenanthrene	17.20	178	579840	13.222	ng/ul	99

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72) Anthracene	17.29	178	702993	15.732	ng/ul	100
77) Fluoranthene	19.22	202	1668508	33.828	ng/ul	100
80) Pyrene	19.58	202	700022	12.903	ng/ul	100
83) Benzo(a)anthracene	21.33	228	689573	12.550	ng/ul	99
85) Chrysene	21.37	228	646008	12.752	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	2275764	40.567	ng/ul	100
89) Benzo(k)fluoranthene	22.96	252	674932	12.576	ng/ul	100
91) Benzo(a)pyrene	23.50	252	594596	11.298	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.88	276	881716	15.773	ng/ul	99
93) Dibenzo(a,h)anthracene	25.89	278	869766	18.599	ng/ul	99
94) Benzo(g,h,i)perylene	26.57	276	773873	17.159	ng/ul	100

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

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