Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024398.D
Acq On : 31 Dec 2019 16:28
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02009

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Quant Time: Dec 31 17:29:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 31 10:50:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	249879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1023954	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	607000	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1267390	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1280465	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1506141	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	59112	10.45	ng/uL	0.00
5) Phenol-d5	6.60	99	438850	18.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	295095	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	338420	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	330416	17.08	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	157106	21.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	164793	20.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	315640	20.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	400213	20.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	905386	20.17	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1101890	20.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	134359	16.67	ng/ul	0.00
58) Fluorene-d10	15.07	176	786430	19.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	133467	17.26	ng/ul	0.00
71) Anthracene-d10	16.93	188	1174355	20.36	ng/ul	0.00
79) Pyrene-d10	19.24	212	1290471	21.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1569762	20.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	57677	9.205	ng/uL	92
4) Benzaldehyde	6.57	77	276840	18.099	ng/ul	98
6) Phenol	6.63	94	465261	19.044	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.85	93	365707	19.318	ng/ul	93
10) 2-Chlorophenol	6.97	128	348324	20.126	ng/ul	95
11) 2-Methylphenol	7.86	108	325018	17.892	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.95	45	454502	20.846	ng/ul	99
14) Acetophenone	8.23	105	548217	18.796	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.22	70	311586	19.338	ng/ul	96
16) 4-Methylphenol	8.19	108	355942	17.649	ng/ul	94
17) Hexachloroethane	8.46	117	154699	21.656	ng/ul	97
20) Nitrobenzene	8.60	77	459658	22.475	ng/ul	98
21) Isophorone	9.13	82	778402	20.362	ng/ul	97
23) 2-Nitrophenol	9.30	139	187579	21.061	ng/ul#	88
24) 2,4-Dimethylphenol	9.38	107	404701	21.064	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.61	93	485376	20.438	ng/ul	98
27) 2,4-Dichlorophenol	9.84	162	313667	20.378	ng/ul	96
28) Naphthalene	10.22	128	1096189	20.429	ng/ul	100
30) 4-Chloroaniline	10.35	127	412127	21.377	ng/ul	98
31) Hexachlorobutadiene	10.50	225	207710	21.828	ng/ul	99
32) Caprolactam	11.15	113	88029m	15.135	ng/ul	
33) 4-Chloro-3-methylphenol	11.50	107	359336	19.455	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	757132	19.741	ng/ul	100

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35) 1-Methylnaphthalene	12.07	142	735366	18.785	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	364896	22.238	ng/ul	99
38) Hexachlorocyclopentadiene	12.20	237	126555	17.117	ng/ul	94
39) 2,4,6-Trichlorophenol	12.49	196	229512	21.149	ng/ul	98
40) 2,4,5-Trichlorophenol	12.57	196	241727	20.663	ng/ul	98
41) 1,1'-Biphenyl	12.89	154	959818	21.184	ng/ul	98
42) 2-Chloronaphthalene	12.93	162	754279	21.189	ng/ul	98
43) 2-Nitroaniline	13.16	65	237598	22.765	ng/ul	89
45) Dimethylphthalate	13.55	163	927002	19.872	ng/ul	100
46) 2,6-Dinitrotoluene	13.67	165	178001	19.371	ng/ul#	85
48) Acenaphthylene	13.79	152	1167674	20.449	ng/ul	99
49) 3-Nitroaniline	14.00	138	175095	20.077	ng/ul	89
50) Acenaphthene	14.13	153	798540	20.339	ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	94306	18.262	ng/ul#	85
53) 4-Nitrophenol	14.34	109	121690	18.936	ng/ul	91
54) Dibenzofuran	14.47	168	1128666	20.678	ng/ul	95
55) 2,4-Dinitrotoluene	14.47	165	273694	19.722	ng/ul#	66
56) 2,3,4,6-Tetrachlorophenol	14.72	232	206114	19.489	ng/ul#	91
57) Diethylphthalate	14.92	149	943971	19.903	ng/ul	98
59) Fluorene	15.13	166	916225	19.878	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.13	204	447032	19.944	ng/ul	96
61) 4-Nitroaniline	15.18	138	174744	18.146	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.25	198	144068	17.446	ng/ul	95
65) N-Nitrosodiphenylamine	15.35	169	776277	21.066	ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	277548	20.602	ng/ul	96
67) Hexachlorobenzene	16.14	284	330703	20.048	ng/ul	97
68) Atrazine	16.32	200	267102	19.499	ng/ul	98
69) Pentachlorophenol	16.50	266	149915	17.343	ng/ul	99
70) Phenanthrene	16.87	178	1443582	20.345	ng/ul	99
72) Anthracene	16.96	178	1466659	20.561	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	362102	22.765	ng/uL	97
74) Pentachlorobenzene	14.40	250	379350	21.655	ng/uL	98
75) Carbazole	17.24	167	1278335	20.861	ng/ul	99
76) Di-n-butylphthalate	17.82	149	1562321	21.259	ng/ul	99
77) Fluoranthene	18.90	202	1635850	21.153	ng/ul	100
80) Pyrene	19.27	202	1716121	20.529	ng/ul	100
81) Butylbenzylphthalate	20.20	149	720960	21.892	ng/ul	92
82) 3,3'-Dichlorobenzidine	20.98	252	538000	18.927	ng/ul	99
83) Benzo(a)anthracene	21.04	228	1711526	20.979	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	1081249	22.032	ng/ul	97
85) Chrysene	21.09	228	1642772	20.544	ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1818365	22.345	ng/ul	100
88) Benzo(b)fluoranthene	22.55	252	1875140	20.807	ng/ul	99
89) Benzo(k)fluoranthene	22.59	252	1846162	20.879	ng/ul	99
91) Benzo(a)pyrene	23.09	252	1798687	22.063	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	2250868	22.993	ng/ul	99
93) Dibenzo(a,h)anthracene	25.27	278	1882766	22.940	ng/ul	99
94) Benzo(g,h,i)perylene	25.90	276	1869447	23.389	ng/ul	98

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

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