Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122719\
Data File : VV014207.D
Acq On : 27 Dec 2019 21:55
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00541

Quant Time: Dec 28 01:11:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 28 01:05:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	796026	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	721798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	336191	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	177043	4.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.80%			
7) Chloroethane-d5	1.58	69	149950	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.13	63	319166	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	3.94	46	589998	63.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.42%			
24) Chloroform-d	4.40	84	457267	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
26) 1,2-Dichloroethane-d4	5.08	65	222728	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.09	84	946941	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.11	67	294251	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.36	98	866962	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
43) trans-1,3-Dichloropropene-	7.66	79	124095	4.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.00%			
46) 2-Hexanone-d5	8.13	63	530115	52.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.68%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	210111	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	285162	4.73	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	259735	4.303	ug/L	98
3) Chloromethane	1.25	50	240530	4.397	ug/L	99
5) Vinyl chloride	1.32	62	253161	4.874	ug/L	98
6) Bromomethane	1.53	94	73310	3.047	ug/L	99
8) Chloroethane	1.60	64	138722	5.012	ug/L	99
9) Trichlorofluoromethane	1.77	101	314150	4.708	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	161352	4.480	ug/L	97
12) 1,1-Dichloroethene	2.14	96	168044	4.779	ug/L	93
13) Acetone	2.21	43	365341	63.959	ug/L	98
14) Carbon disulfide	2.32	76	740109	4.809	ug/L	99
15) Methyl Acetate	2.47	43	99379	5.254	ug/L	96
16) Methylene chloride	2.53	84	262954	4.436	ug/L	95
17) Methyl tert-butyl Ether	2.80	73	633197	4.862	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	256920	4.677	ug/L	98
19) 1,1-Dichloroethane	3.23	63	497496	4.884	ug/L	98
21) 2-Butanone	4.03	43	652496	61.510	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	288585	4.822	ug/L	92

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	107382	4.616	ug/L	93
25) Chloroform	4.42	83	501218	4.853	ug/L	99
27) 1,2-Dichloroethane	5.18	62	282816	4.890	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	430253	4.912	ug/L	100
30) Cyclohexane	4.72	56	448969	4.687	ug/L	97
31) Carbon tetrachloride	4.87	117	362766	4.850	ug/L	98
33) Benzene	5.14	78	1091633	4.889	ug/L	100
34) Trichloroethene	5.96	95	295053	4.934	ug/L	98
35) Methylcyclohexane	6.17	83	434339	4.358	ug/L	99
37) 1,2-Dichloropropane	6.22	63	272770	5.030	ug/L	100
38) Bromodichloromethane	6.55	83	355532	4.912	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	438685	4.943	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1665355	49.367	ug/L	99
42) Toluene	7.43	91	1161194	4.735	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	331402	4.774	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	181323	4.902	ug/L	98
47) Tetrachloroethene	8.02	164	195915	4.686	ug/L	97
48) 2-Hexanone	8.18	43	1177455	50.472	ug/L	99
49) Dibromochloromethane	8.29	129	217915	4.619	ug/L	99
50) 1,2-Dibromoethane	8.39	107	165536	4.656	ug/L	93
51) Chlorobenzene	8.92	112	711516	4.691	ug/L	98
52) Ethylbenzene	9.05	91	1324174	4.863	ug/L	99
53) m,p-xylene	9.18	106	492317	4.812	ug/L	96
54) o-xylene	9.58	106	482006	4.824	ug/L	97
55) Styrene	9.60	104	804172	4.795	ug/L	98
56) Isopropylbenzene	9.97	105	1270256	4.848	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	205378	4.605	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	158411	4.779	ug/L	99
61) Bromoform	9.77	173	113068	4.608	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	538888	4.843	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	537995	4.836	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	491197	4.815	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	37292	4.439	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	378585	4.672	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	335832	4.725	ug/L	99
69) Naphthalene	13.54	128	645251	4.985	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	297648	4.798	ug/L	100

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

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