Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122819\
Data File : VV014215.D
Acq On : 28 Dec 2019 14:48
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Quant Time: Dec 30 00:34:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 30 00:30:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	807401	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	734178	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	346420	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	197862	5.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.60%			
7) Chloroethane-d5	1.58	69	166682	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.80%			
11) 1,1-Dichloroethene-d2	2.13	63	362350	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.80%			
20) 2-Butanone-d5	3.93	46	598892	63.76	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.52%			
24) Chloroform-d	4.39	84	487932	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.07	65	237348	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	5.09	84	1024417	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
36) 1,2-Dichloropropane-d6	6.11	67	318433	5.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.00%			
41) Toluene-d8	7.35	98	944682	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
43) trans-1,3-Dichloropropene-	7.66	79	131399	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.13	63	537277	52.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.30%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	219026	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	308101	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	273624	4.469	ug/L	98
3) Chloromethane	1.25	50	254590	4.588	ug/L	98
5) Vinyl chloride	1.32	62	257954	4.896	ug/L	100
6) Bromomethane	1.53	94	96333	3.948	ug/L	100
8) Chloroethane	1.60	64	141463	5.039	ug/L	98
9) Trichlorofluoromethane	1.77	101	344232	5.086	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	184598	5.053	ug/L	98
12) 1,1-Dichloroethene	2.14	96	173445	4.863	ug/L	99
13) Acetone	2.19	43	304645	52.582	ug/L	97
14) Carbon disulfide	2.32	76	713754	4.573	ug/L	99
15) Methyl Acetate	2.46	43	88336	4.604	ug/L	98
16) Methylene chloride	2.53	84	257350	4.280	ug/L	93
17) Methyl tert-butyl Ether	2.80	73	577361	4.371	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	253358	4.547	ug/L	99
19) 1,1-Dichloroethane	3.23	63	482764	4.673	ug/L	96
21) 2-Butanone	4.01	43	585040	54.374	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	272070	4.482	ug/L #	97

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 30 00:30:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	101778	4.313	ug/L	93
25) Chloroform	4.42	83	488069	4.660	ug/L	98
27) 1,2-Dichloroethane	5.17	62	267330	4.557	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	414312	4.650	ug/L	99
30) Cyclohexane	4.72	56	463936	4.761	ug/L	99
31) Carbon tetrachloride	4.87	117	352258	4.630	ug/L	100
33) Benzene	5.14	78	1043421	4.595	ug/L	100
34) Trichloroethene	5.96	95	271017	4.455	ug/L	99
35) Methylcyclohexane	6.17	83	483957	4.774	ug/L	98
37) 1,2-Dichloropropane	6.22	63	260777	4.727	ug/L	99
38) Bromodichloromethane	6.55	83	334750	4.547	ug/L	97
39) cis-1,3-Dichloropropene	7.06	75	420162	4.654	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1484181	43.254	ug/L	99
42) Toluene	7.42	91	1118890	4.486	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	317273	4.494	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	167972	4.464	ug/L	99
47) Tetrachloroethene	8.01	164	190336	4.476	ug/L	99
48) 2-Hexanone	8.18	43	1023211	43.120	ug/L	100
49) Dibromochloromethane	8.28	129	202876	4.228	ug/L	98
50) 1,2-Dibromoethane	8.39	107	152787	4.225	ug/L	95
51) Chlorobenzene	8.92	112	685361	4.443	ug/L	99
52) Ethylbenzene	9.05	91	1278497	4.616	ug/L	100
53) m,p-xylene	9.17	106	474739	4.562	ug/L	98
54) o-xylene	9.58	106	460081	4.527	ug/L	97
55) Styrene	9.60	104	767046	4.496	ug/L	97
56) Isopropylbenzene	9.97	105	1228164	4.608	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	198695	4.380	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	148417	4.402	ug/L	98
61) Bromoform	9.77	173	101139	4.000	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	512584	4.470	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	506563	4.419	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	465360	4.427	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	34187	3.949	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	370382	4.436	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	324867	4.436	ug/L	98
69) Naphthalene	13.55	128	541089	4.057	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	273232	4.274	ug/L	99

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

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