

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019885.D
 Acq On : 05 Jan 2021 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Jan 06 07:00:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 29 11:24:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	584996	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	567409	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	291893	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	210261	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.90%
7) Chloroethane-d5	1.57	69	175000	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.26%
11) 1,1-Dichloroethene-d2	2.11	63	420701	49.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.34%
21) 2-Butanone-d5	3.88	46	333080	99.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.27%
24) Chloroform-d	4.35	84	428632	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
26) 1,2-Dichloroethane-d4	5.03	65	283781	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
32) Benzene-d6	5.05	84	809489	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
36) 1,2-Dichloropropane-d6	6.07	67	258577	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.26%
41) Toluene-d8	7.32	98	719612	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%
43) trans-1,3-Dichloropropene-	7.62	79	132085	49.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.92%
47) 2-Hexanone-d5	8.09	63	225756	101.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.67%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	345766	49.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.98%
64) 1,2-Dichlorobenzene-d4	11.63	152	273922	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	231122	50.895	ug/L 100
3) Chloromethane	1.24	50	273177	49.119	ug/L 100
5) Vinyl chloride	1.31	62	270150	49.716	ug/L 100
6) Bromomethane	1.52	94	161092	48.937	ug/L 96
8) Chloroethane	1.59	64	168508	49.883	ug/L 99
9) Trichlorofluoromethane	1.75	101	348997	53.017	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	195196	52.651	ug/L 99
12) 1,1-Dichloroethene	2.12	96	187628	50.437	ug/L 91
13) Acetone	2.18	43	334524	128.787	ug/L 100
14) Carbon disulfide	2.30	76	607658	50.140	ug/L 100
15) Methyl Acetate	2.43	43	262551	49.747	ug/L 99
16) Methylene chloride	2.51	84	229941	49.215	ug/L 99
17) trans-1,2-Dichloroethene	2.76	96	210755	50.635	ug/L 98
18) Methyl tert-butyl Ether	2.77	73	692055	49.246	ug/L 99
19) 1,1-Dichloroethane	3.19	63	419498	49.946	ug/L 99
20) cis-1,2-Dichloroethene	3.91	96	224826	49.371	ug/L 100
22) 2-Butanone	3.97	43	407429	111.722	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	114839	51.039	ug/L	99
25) Chloroform	4.38	83	418218	50.476	ug/L	97
27) 1,2-Dichloroethane	5.13	62	342213	50.096	ug/L	100
29) Cyclohexane	4.68	56	364905	50.230	ug/L	99
30) 1,1,1-Trichloroethane	4.61	97	362559	49.908	ug/L	99
31) Carbon tetrachloride	4.83	117	305755	51.146	ug/L	99
33) Benzene	5.10	78	895518	50.179	ug/L	100
34) Trichloroethene	5.91	95	237260	50.112	ug/L	99
35) Methylcyclohexane	6.13	83	365241	51.440	ug/L	100
37) 1,2-Dichloropropane	6.17	63	243504	50.809	ug/L	99
38) Bromodichloromethane	6.51	83	317262	50.635	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	377938	51.196	ug/L	100
40) 4-Methyl-2-pentanone	7.23	43	704914	98.229	ug/L	100
42) Toluene	7.39	91	926248	50.667	ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	370432	51.447	ug/L	99
45) 1,1,2-Trichloroethane	7.84	97	219337	49.893	ug/L	98
46) Tetrachloroethene	7.98	164	158538	50.141	ug/L	96
48) 2-Hexanone	8.14	43	576365	103.883	ug/L	99
49) Dibromochloromethane	8.25	129	231400	50.905	ug/L	98
50) 1,2-Dibromoethane	8.35	107	228165	49.452	ug/L	100
51) Chlorobenzene	8.88	112	579023	49.670	ug/L	97
52) Ethylbenzene	9.02	91	1038782	50.497	ug/L	100
53) m,p-Xylene	9.14	106	382151	51.003	ug/L	100
54) o-xylene	9.55	106	374555	51.131	ug/L	99
55) Styrene	9.56	104	659115	51.771	ug/L	98
56) Isopropylbenzene	9.94	105	1013093	51.640	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.25	83	343482	49.192	ug/L	98
59) 1,2,3-Trichloropropane	10.28	75	298237	48.949	ug/L	100
61) Bromoform	9.74	173	153611	51.169	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	445574	50.144	ug/L	100
63) 1,4-Dichlorobenzene	11.28	146	457285	50.036	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	446754	49.253	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	86456	50.073	ug/L	98
67) 1,3,5-Trichlorobenzene	12.65	180	332585	51.876	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	298636	52.317	ug/L	99
69) Naphthalene	13.51	128	958434	53.381	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	295523	53.268	ug/L	99

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

