

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019935.D
 Acq On : 07 Jan 2021 20:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Jan 08 01:34:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	520790	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	513819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	264259	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	167669	41.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.20%
7) Chloroethane-d5	1.57	69	146414	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.42%
11) 1,1-Dichloroethene-d2	2.11	63	356521	46.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.60%
21) 2-Butanone-d5	3.89	46	307460	102.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.93%
24) Chloroform-d	4.35	84	366489	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
26) 1,2-Dichloroethane-d4	5.04	65	249617	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
32) Benzene-d6	5.05	84	665234	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
36) 1,2-Dichloropropane-d6	6.07	67	222786	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.58%
41) Toluene-d8	7.32	98	588032	44.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.30%
43) trans-1,3-Dichloropropene-	7.63	79	104090	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
47) 2-Hexanone-d5	8.09	63	201057	99.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.99%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	312494	49.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.78%
64) 1,2-Dichlorobenzene-d4	11.63	152	231737	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	192188	47.539	ug/L 99
3) Chloromethane	1.24	50	228441	46.139	ug/L 99
5) Vinyl chloride	1.31	62	229108	47.361	ug/L 100
6) Bromomethane	1.52	94	136259	46.497	ug/L 97
8) Chloroethane	1.59	64	148682	49.440	ug/L 100
9) Trichlorofluoromethane	1.75	101	303190	51.737	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	163141	49.430	ug/L 99
12) 1,1-Dichloroethene	2.12	96	164275	49.603	ug/L 92
13) Acetone	2.19	43	222629	96.275	ug/L 100
14) Carbon disulfide	2.30	76	453571	42.040	ug/L 100
15) Methyl Acetate	2.44	43	231519	49.275	ug/L 99
16) Methylene chloride	2.51	84	199094	47.866	ug/L 98
17) trans-1,2-Dichloroethene	2.76	96	173542	46.835	ug/L 94
18) Methyl tert-butyl Ether	2.77	73	599837	47.946	ug/L 99
19) 1,1-Dichloroethane	3.19	63	370337	49.529	ug/L 99
20) cis-1,2-Dichloroethene	3.92	96	194906	48.078	ug/L 98
22) 2-Butanone	3.98	43	325369	100.219	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019935.D
 Acq On : 07 Jan 2021 20:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Jan 08 01:34:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	94357	47.106	ug/L	98
25) Chloroform	4.38	83	368179	49.915	ug/L	97
27) 1,2-Dichloroethane	5.14	62	310252	51.017	ug/L	99
29) Cyclohexane	4.68	56	292901	44.524	ug/L	99
30) 1,1,1-Trichloroethane	4.61	97	311999	47.427	ug/L	99
31) Carbon tetrachloride	4.83	117	255858	47.263	ug/L	100
33) Benzene	5.10	78	769318	47.603	ug/L	100
34) Trichloroethene	5.92	95	200567	46.781	ug/L	99
35) Methylcyclohexane	6.14	83	283391	44.075	ug/L	100
37) 1,2-Dichloropropane	6.18	63	210957	48.608	ug/L	100
38) Bromodichloromethane	6.51	83	270374	47.652	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	315431	47.185	ug/L	100
40) 4-Methyl-2-pentanone	7.23	43	641975	98.789	ug/L	97
42) Toluene	7.39	91	797362	48.166	ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	300669	46.114	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	191005	47.979	ug/L	99
46) Tetrachloroethene	7.98	164	132503	46.278	ug/L	98
48) 2-Hexanone	8.14	43	499975	99.513	ug/L	99
49) Dibromochloromethane	8.25	129	193841	47.090	ug/L	99
50) 1,2-Dibromoethane	8.36	107	195194	46.718	ug/L	100
51) Chlorobenzene	8.89	112	504157	47.759	ug/L	98
52) Ethylbenzene	9.02	91	901577	48.398	ug/L	98
53) m,p-Xylene	9.14	106	323205	47.635	ug/L	100
54) o-xylene	9.55	106	321049	48.398	ug/L	99
55) Styrene	9.57	104	573445	49.740	ug/L	99
56) Isopropylbenzene	9.94	105	870885	49.021	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.25	83	311581	49.277	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	265691	48.156	ug/L	98
61) Bromoform	9.74	173	119880	44.109	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	385646	47.938	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	389753	47.106	ug/L	100
65) 1,2-Dichlorobenzene	11.65	146	396242	48.252	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.44	75	72067	46.104	ug/L	96
67) 1,3,5-Trichlorobenzene	12.65	180	270002	46.519	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	245430	47.492	ug/L	99
69) Naphthalene	13.51	128	820872	50.500	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	250747	49.923	ug/L	99

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

