

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019912.D
 Acq On : 07 Jan 2021 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Jan 08 01:28:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 11:30:26 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	557000	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	544857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	284435	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	192541	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.34%
7) Chloroethane-d5	1.57	69	163830	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.64%
11) 1,1-Dichloroethene-d2	2.11	63	400013	49.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.20%
21) 2-Butanone-d5	3.89	46	301338	94.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.32%
24) Chloroform-d	4.35	84	393439	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
26) 1,2-Dichloroethane-d4	5.03	65	264593	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
32) Benzene-d6	5.05	84	733521	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
36) 1,2-Dichloropropane-d6	6.07	67	236633	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.74%
41) Toluene-d8	7.32	98	661049	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%
43) trans-1,3-Dichloropropene-	7.62	79	117751	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.82%
47) 2-Hexanone-d5	8.09	63	201484	94.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.50%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	324125	48.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.62%
64) 1,2-Dichlorobenzene-d4	11.63	152	253977	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	222798	51.528	ug/L 98
3) Chloromethane	1.24	50	245333	46.330	ug/L 99
5) Vinyl chloride	1.31	62	247682	47.872	ug/L 99
6) Bromomethane	1.52	94	147918	47.194	ug/L 96
8) Chloroethane	1.59	64	157943	49.106	ug/L 99
9) Trichlorofluoromethane	1.75	101	330914	52.797	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	188741	53.469	ug/L 99
12) 1,1-Dichloroethene	2.12	96	174621	49.300	ug/L 91
13) Acetone	2.19	43	336456	136.041	ug/L 99
14) Carbon disulfide	2.30	76	513275	44.481	ug/L 100
15) Methyl Acetate	2.43	43	234228	46.611	ug/L 99
16) Methylene chloride	2.51	84	210173	47.245	ug/L 100
17) trans-1,2-Dichloroethene	2.76	96	190152	47.982	ug/L 99
18) Methyl tert-butyl Ether	2.77	73	638640	47.729	ug/L 100
19) 1,1-Dichloroethane	3.19	63	387797	48.492	ug/L 99
20) cis-1,2-Dichloroethene	3.91	96	206944	47.729	ug/L 99
22) 2-Butanone	3.97	43	377870	108.824	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	102180	47.695	ug/L	98
25) Chloroform	4.38	83	389492	49.371	ug/L	99
27) 1,2-Dichloroethane	5.13	62	324751	49.929	ug/L	99
29) Cyclohexane	4.68	56	333012	47.737	ug/L	99
30) 1,1,1-Trichloroethane	4.61	97	338458	48.519	ug/L	100
31) Carbon tetrachloride	4.83	117	282208	49.161	ug/L	99
33) Benzene	5.10	78	813454	47.467	ug/L	100
34) Trichloroethene	5.92	95	218106	47.974	ug/L	99
35) Methylcyclohexane	6.13	83	339506	49.795	ug/L	98
37) 1,2-Dichloropropane	6.17	63	220547	47.923	ug/L	99
38) Bromodichloromethane	6.51	83	290778	48.329	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	333948	47.110	ug/L	100
40) 4-Methyl-2-pentanone	7.23	43	640978	93.016	ug/L	99
42) Toluene	7.39	91	851614	48.513	ug/L	100
44) trans-1,3-Dichloropropene	7.65	75	334678	48.406	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	199099	47.164	ug/L	99
46) Tetrachloroethene	7.98	164	146773	48.342	ug/L	97
48) 2-Hexanone	8.14	43	527837	99.074	ug/L	99
49) Dibromochloromethane	8.25	129	208996	47.879	ug/L	99
50) 1,2-Dibromoethane	8.35	107	208190	46.990	ug/L	98
51) Chlorobenzene	8.88	112	541454	48.370	ug/L	99
52) Ethylbenzene	9.02	91	976570	49.437	ug/L	99
53) m,p-Xylene	9.14	106	351826	48.899	ug/L	99
54) o-xylene	9.55	106	347152	49.352	ug/L	99
55) Styrene	9.57	104	617703	50.527	ug/L	98
56) Isopropylbenzene	9.94	105	952830	50.578	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.25	83	320362	47.780	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	276579	47.274	ug/L	99
61) Bromoform	9.74	173	135982	46.485	ug/L	99
62) 1,3-Dichlorobenzene	11.19	146	423601	48.921	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	431697	48.474	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	423102	47.868	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.44	75	75962	45.149	ug/L	97
67) 1,3,5-Trichlorobenzene	12.65	180	314453	50.334	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	278105	49.997	ug/L	99
69) Naphthalene	13.51	128	874386	49.977	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	275006	50.870	ug/L	99

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

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