

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110320\
 Data File : VV019212.D
 Acq On : 02 Nov 2020 20:33
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV307

Quant Time: Nov 03 05:15:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:57:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	241051	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	230539	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	124855	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91864	49.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.76%
7) Chloroethane-d5	1.58	69	72977	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.12%
11) 1,1-Dichloroethene-d2	2.13	63	169982	49.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.70%
21) 2-Butanone-d5	3.91	46	117016	114.08	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.08%
24) Chloroform-d	4.38	84	178082	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
26) 1,2-Dichloroethane-d4	5.06	65	121466	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.07	84	324068	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
36) 1,2-Dichloropropane-d6	6.09	67	99033	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.20%
41) Toluene-d8	7.34	98	305752	51.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.12%
43) trans-1,3-Dichloropropene-	7.64	79	56827	52.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.62%
47) 2-Hexanone-d5	8.11	63	83465	113.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.12%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	133719	52.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.60%
66) 1,2-Dichlorobenzene-d4	11.65	152	126976	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	73748	49.939	ug/L 100
3) Chloromethane	1.25	50	79596	51.763	ug/L 99
5) Vinyl chloride	1.32	62	82155	51.327	ug/L 99
6) Bromomethane	1.53	94	57941	53.862	ug/L 100
8) Chloroethane	1.60	64	54613	52.169	ug/L 99
9) Trichlorofluoromethane	1.77	101	133492	50.378	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	63381	50.340	ug/L 99
12) 1,1-Dichloroethene	2.14	96	66051	50.757	ug/L 98
13) Acetone	2.19	43	80277	102.911	ug/L 99
14) Carbon disulfide	2.31	76	189858	50.809	ug/L 99
15) Methyl Acetate	2.45	43	80399	53.193	ug/L 99
16) Methylene chloride	2.52	84	80732	52.189	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	72290	51.207	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	267549	53.916	ug/L 99
19) 1,1-Dichloroethane	3.21	63	142815	51.633	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	82558	52.919	ug/L 99
22) 2-Butanone	3.99	43	109978	111.068	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	45691	53.191	ug/L	96
25) Chloroform	4.40	83	155947	52.588	ug/L	100
27) 1,2-Dichloroethane	5.15	62	133373	52.911	ug/L	100
29) Cyclohexane	4.70	56	102355	51.881	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	138561	51.823	ug/L	100
31) Carbon tetrachloride	4.86	117	118337	51.259	ug/L	100
33) Benzene	5.13	78	305392	53.303	ug/L	100
34) Trichloroethene	5.94	95	79749	51.220	ug/L	98
35) Methylcyclohexane	6.15	83	97195	51.575	ug/L	99
37) 1,2-Dichloropropane	6.20	63	78639	51.430	ug/L	99
38) Bromodichloromethane	6.53	83	118035	53.640	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	130741	53.437	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	225305	109.684	ug/L	98
42) Toluene	7.41	91	327585	52.897	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	137943	55.021	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	79582	52.658	ug/L	98
46) Tetrachloroethene	8.00	164	63916	50.311	ug/L	99
48) 2-Hexanone	8.16	43	171266	110.283	ug/L	99
49) Dibromochloromethane	8.27	129	97709	54.211	ug/L	99
50) 1,2-Dibromoethane	8.37	107	84350	53.846	ug/L	97
51) Chlorobenzene	8.90	112	217040	52.394	ug/L	99
52) Ethylbenzene	9.03	91	356511	52.179	ug/L	99
53) m,p-Xylene	9.16	106	134192	52.460	ug/L	96
54) o-Xylene	9.56	106	134543	53.361	ug/L	100
55) Styrene	9.58	104	240595	53.607	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.26	83	122005	53.361	ug/L	98
59) Bromoform	9.75	173	75567	54.533	ug/L	99
60) Isopropylbenzene	9.95	105	349871	53.467	ug/L	100
61) 1,2,3-Trichloropropane	10.29	75	103545	53.381	ug/L	99
62) 1,3,5-Trimethylbenzene	10.56	105	293732	53.894	ug/L	99
63) 1,2,4-Trimethylbenzene	10.94	105	286895	53.796	ug/L	99
64) 1,3-Dichlorobenzene	11.20	146	178963	52.285	ug/L	100
65) 1,4-Dichlorobenzene	11.29	146	186984	52.802	ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	182502	52.117	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.45	75	31766	56.135	ug/L	99
69) 1,3,5-Trichlorobenzene	12.67	180	129953	52.897	ug/L	99
70) 1,2,4-trichlorobenzene	13.28	180	124986	54.068	ug/L	99
71) Naphthalene	13.52	128	379137	58.155	ug/L	100
72) 1,2,3-Trichlorobenzene	13.77	180	127897	55.813	ug/L	99

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

