

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112320\
 Data File : VV019422.D
 Acq On : 23 Nov 2020 15:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Quant Time: Nov 24 05:21:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 23 14:50:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	379871	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	378698	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	217723	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	185506	48.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.78%
7) Chloroethane-d5	1.57	69	148355	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.08%
11) 1,1-Dichloroethene-d2	2.12	63	329696	48.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.64%
21) 2-Butanone-d5	3.89	46	238720	103.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.24%
24) Chloroform-d	4.37	84	308365	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	5.05	65	204015	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
32) Benzene-d6	5.07	84	587865	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.09	67	193902	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.10%
41) Toluene-d8	7.33	98	531075	52.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.90%
43) trans-1,3-Dichloropropene-	7.64	79	96721	53.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.50%
47) 2-Hexanone-d5	8.10	63	163920	111.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.68%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	249835	51.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	214335	50.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.38%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	149501	48.691	ug/L 100
3) Chloromethane	1.25	50	202788	49.111	ug/L 99
5) Vinyl chloride	1.32	62	194587	49.320	ug/L 100
6) Bromomethane	1.52	94	126449	49.161	ug/L 97
8) Chloroethane	1.59	64	124211	49.468	ug/L 99
9) Trichlorofluoromethane	1.76	101	245411	49.541	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	134294	50.413	ug/L 100
12) 1,1-Dichloroethene	2.13	96	137373	49.533	ug/L 97
13) Acetone	2.17	43	164187	92.861	ug/L 98
14) Carbon disulfide	2.31	76	403277	50.097	ug/L 99
15) Methyl Acetate	2.44	43	180339	50.375	ug/L 100
16) Methylene chloride	2.52	84	158743	49.416	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	139894	51.000	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	458469	52.562	ug/L 99
19) 1,1-Dichloroethane	3.21	63	281553	50.040	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	153888	51.051	ug/L 98
22) 2-Butanone	3.98	43	240449	102.542	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	81122	50.814	ug/L	99
25) Chloroform	4.40	83	287543	50.555	ug/L	100
27) 1,2-Dichloroethane	5.15	62	227324	50.938	ug/L	100
29) Cyclohexane	4.70	56	214667	54.151	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	236830	51.773	ug/L	99
31) Carbon tetrachloride	4.85	117	199823	50.884	ug/L	100
33) Benzene	5.12	78	601502	53.075	ug/L	100
34) Trichloroethene	5.93	95	162139	51.303	ug/L	99
35) Methylcyclohexane	6.15	83	204971	55.115	ug/L	98
37) 1,2-Dichloropropane	6.19	63	166556	53.282	ug/L	99
38) Bromodichloromethane	6.53	83	217323	52.438	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	251902	54.555	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	482088	109.371	ug/L	99
42) Toluene	7.41	91	634488	53.969	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	252930	54.993	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	155985	53.289	ug/L	99
46) Tetrachloroethene	7.99	164	112627	51.311	ug/L	94
48) 2-Hexanone	8.15	43	380155	108.893	ug/L	99
49) Dibromochloromethane	8.26	129	169058	52.258	ug/L	99
50) 1,2-Dibromoethane	8.37	107	162613	52.346	ug/L	99
51) Chlorobenzene	8.90	112	400698	51.664	ug/L	99
52) Ethylbenzene	9.03	91	671903	53.256	ug/L	99
53) m,p-Xylene	9.16	106	250641	53.692	ug/L	97
54) o-xylene	9.56	106	248201	54.607	ug/L	98
55) Styrene	9.58	104	451016	55.431	ug/L	99
56) Isopropylbenzene	9.95	105	645254	54.186	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	235193	52.567	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	213153	51.911	ug/L	99
61) Bromoform	9.75	173	127745	51.322	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	329936	52.090	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	341120	51.239	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	331262	50.941	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	57353	50.968	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	247026	53.576	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	229226	56.153	ug/L	99
69) Naphthalene	13.52	128	580232	55.898	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	239216	56.064	ug/L	99

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

