

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019350.D
 Acq On : 12 Nov 2020 13:48
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV62

Quant Time: Nov 13 01:06:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 13:19:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	212121	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	208532	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128897	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78341	48.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.98%
7) Chloroethane-d5	1.58	69	62955	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.90%
11) 1,1-Dichloroethene-d2	2.12	63	160890	48.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.80%
21) 2-Butanone-d5	3.91	46	82059	99.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.52%
24) Chloroform-d	4.37	84	148764	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.05	65	101748	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
32) Benzene-d6	5.07	84	265100	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.09	67	73231	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.12%
41) Toluene-d8	7.33	98	260417	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%
43) trans-1,3-Dichloropropene-	7.64	79	47252	49.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.20%
47) 2-Hexanone-d5	8.11	63	58777	104.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.99%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	103678	50.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	119954	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	95315	53.587	ug/L 98
3) Chloromethane	1.25	50	82603	51.974	ug/L 100
5) Vinyl chloride	1.32	62	87911	51.312	ug/L 98
6) Bromomethane	1.53	94	62780	51.249	ug/L 98
8) Chloroethane	1.60	64	54383	50.337	ug/L 98
9) Trichlorofluoromethane	1.76	101	159184	51.795	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	74694	53.324	ug/L 99
12) 1,1-Dichloroethene	2.13	96	73026	51.078	ug/L 99
13) Acetone	2.19	43	66329	94.446	ug/L 97
14) Carbon disulfide	2.31	76	207973	52.609	ug/L 99
15) Methyl Acetate	2.45	43	61054	51.494	ug/L 99
16) Methylene chloride	2.52	84	70416	49.048	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	71465	51.966	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	227578	51.507	ug/L 99
19) 1,1-Dichloroethane	3.21	63	121965	51.148	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	75536	51.886	ug/L 100
22) 2-Butanone	3.99	43	81780	101.548	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	42523	50.648	ug/L	96
25) Chloroform	4.40	83	141035	50.852	ug/L	95
27) 1,2-Dichloroethane	5.15	62	116877	49.745	ug/L	99
29) Cyclohexane	4.70	56	100253	55.624	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	140936	51.450	ug/L	99
31) Carbon tetrachloride	4.85	117	128403	52.052	ug/L	100
33) Benzene	5.12	78	276570	52.576	ug/L	100
34) Trichloroethene	5.94	95	81187	51.173	ug/L	97
35) Methylcyclohexane	6.15	83	105899	54.011	ug/L	99
37) 1,2-Dichloropropane	6.19	63	66026	51.643	ug/L	99
38) Bromodichloromethane	6.53	83	106451	51.222	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	117455	53.584	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	168838	104.659	ug/L	99
42) Toluene	7.41	91	313677	53.009	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	122695	52.552	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	72035	51.943	ug/L	98
46) Tetrachloroethene	7.99	164	75248	53.845	ug/L	97
48) 2-Hexanone	8.16	43	132159	104.532	ug/L	99
49) Dibromochloromethane	8.27	129	93199	52.366	ug/L	96
50) 1,2-Dibromoethane	8.37	107	79134	52.156	ug/L	94
51) Chlorobenzene	8.90	112	212527	52.225	ug/L	98
52) Ethylbenzene	9.03	91	347057	52.443	ug/L	100
53) m,p-Xylene	9.16	106	136786	53.378	ug/L	99
54) o-xylene	9.56	106	133213	53.755	ug/L	98
55) Styrene	9.58	104	241207	55.038	ug/L	99
56) Isopropylbenzene	9.95	105	362576	54.490	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	99359	52.432	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	89365	51.182	ug/L	98
61) Bromoform	9.75	173	74166	50.539	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	187752	51.844	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	194861	51.436	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	188260	51.378	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	26652	50.357	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	139988	50.423	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	134786	53.967	ug/L	99
69) Naphthalene	13.52	128	349940	59.329	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	136355	54.258	ug/L	99

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

