

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
 Data File : VV014456.D
 Acq On : 31 Jan 2020 16:33
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

Quant Time: Feb 01 02:08:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 01 02:04:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	419589	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	398555	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	189454	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112814	48.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.82%
7) Chloroethane-d5	1.59	69	71920	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.28%
11) 1,1-Dichloroethene-d2	2.13	63	155758	50.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.14%
21) 2-Butanone-d5	3.92	46	170493	108.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.74%
24) Chloroform-d	4.40	84	249982	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
26) 1,2-Dichloroethane-d4	5.08	65	147939	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
32) Benzene-d6	5.10	84	519175	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
36) 1,2-Dichloropropane-d6	6.11	67	162932	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.14%
41) Toluene-d8	7.36	98	482377	49.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.58%
43) trans-1,3-Dichloropropene-	7.66	79	84297	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.90%
47) 2-Hexanone-d5	8.13	63	141949	109.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.27%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	217229	50.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.56%
64) 1,2-Dichlorobenzene-d4	11.67	152	171022	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	178061	50.759	ug/L 99
3) Chloromethane	1.26	50	191552	52.300	ug/L 100
5) Vinyl chloride	1.33	62	145000	49.268	ug/L 99
6) Bromomethane	1.54	94	52354	53.390	ug/L 99
8) Chloroethane	1.60	64	64151	49.640	ug/L 99
9) Trichlorofluoromethane	1.77	101	171079	50.486	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	81106	51.052	ug/L 99
12) 1,1-Dichloroethene	2.14	96	79827	50.012	ug/L 98
13) Acetone	2.18	43	152982	114.347	ug/L 94
14) Carbon disulfide	2.32	76	405040	51.667	ug/L 100
15) Methyl Acetate	2.46	43	141782	54.993	ug/L 98
16) Methylene chloride	2.54	84	153088	49.812	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	144583	52.224	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	440681	51.749	ug/L 100
19) 1,1-Dichloroethane	3.23	63	260177	51.502	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	158906	51.464	ug/L 99
22) 2-Butanone	4.01	43	210156	109.014	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	75738	52.323	ug/L	97
25) Chloroform	4.42	83	258762	50.852	ug/L	99
27) 1,2-Dichloroethane	5.18	62	186748	51.619	ug/L	98
29) Cyclohexane	4.73	56	250538	51.454	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	219418	51.375	ug/L	100
31) Carbon tetrachloride	4.88	117	189489	50.850	ug/L	99
33) Benzene	5.14	78	595346	50.625	ug/L	100
34) Trichloroethene	5.96	95	151294	50.937	ug/L	100
35) Methylcyclohexane	6.17	83	253556	51.376	ug/L	98
37) 1,2-Dichloropropane	6.22	63	149165	50.757	ug/L	99
38) Bromodichloromethane	6.55	83	198356	50.410	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	253388	52.435	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	388504	109.348	ug/L	99
42) Toluene	7.43	91	627007	50.933	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	223348	52.043	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	142360	51.270	ug/L	98
46) Tetrachloroethene	8.02	164	110864	51.037	ug/L	98
48) 2-Hexanone	8.18	43	294909	106.112	ug/L	97
49) Dibromochloromethane	8.29	129	156052	51.081	ug/L	98
50) 1,2-Dibromoethane	8.39	107	152113	51.452	ug/L	99
51) Chlorobenzene	8.92	112	401965	51.042	ug/L	100
52) Ethylbenzene	9.05	91	702522	50.845	ug/L	100
53) m,p-Xylene	9.18	106	263254	51.025	ug/L	99
54) o-xylene	9.58	106	260194	50.897	ug/L	97
55) Styrene	9.60	104	443199	51.657	ug/L	99
56) Isopropylbenzene	9.97	105	666038	50.954	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	228754	51.570	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	179668	51.733	ug/L	99
61) Bromoform	9.77	173	106030	53.564	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	299103	51.332	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	303366	50.573	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	291054	50.535	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	48976	53.493	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	203670	51.884	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	187861	52.682	ug/L	99
69) Naphthalene	13.54	128	630553	55.836	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	185257	53.914	ug/L	98

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

