

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014215.D
 Acq On : 05 Dec 2019 15:26
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV06

Quant Time: Dec 06 06:46:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 05 14:55:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1315014	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1200993	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	578686	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	505437	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.52%
7) Chloroethane-d5	2.89	69	397226	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.32%
10) 1,1-Dichloroethene-d2	4.02	63	918299	26.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.44%
20) 2-Butanone-d5	7.07	46	344724	66.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.86%
24) Chloroform-d	7.64	84	946985	28.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.12%
26) 1,2-Dichloroethane-d4	8.31	65	508574	28.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.88%
29) Benzene-d6	8.27	84	2005054	28.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.96%
33) 1,2-Dichloropropane-d6	9.27	67	626703	28.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.76%
37) Toluene-d8	10.32	98	1844405	28.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.92%
38) trans-1,3-Dichloropropene-	10.57	79	271618	29.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.60%
39) 2-Hexanone-d5	10.92	63	287904	66.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	536588	30.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.64%#
61) 1,2-Dichlorobenzene-d4	13.85	152	632965	28.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	291222	23.284	ug/L	100
3) Chloromethane	2.21	50	285044	22.670	ug/L	96
5) Vinyl chloride	2.36	62	451832	24.270	ug/L	96
6) Bromomethane	2.78	94	286319	24.934	ug/L	100
8) Chloroethane	2.92	64	268970	25.289	ug/L	98
9) Trichlorofluoromethane	3.25	101	222098	24.098	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	424677	24.484	ug/L	95
12) 1,1-Dichloroethene	4.04	96	436196	24.840	ug/L	96
13) Acetone	4.12	43	212053	42.385	ug/L	99
14) Carbon disulfide	4.39	76	1325934	24.619	ug/L	100
15) Methyl Acetate	4.67	43	270493	28.583	ug/L	98
16) Methylene chloride	4.92	84	485052	24.061	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	622356	26.875	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	471837	25.090	ug/L	93
19) 1,1-Dichloroethane	6.21	63	852533	25.232	ug/L	99
21) 2-Butanone	7.17	43	349411	52.019	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	517274	25.850	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	234433	25.469	ug/L	84
25) Chloroform	7.67	83	823148	25.071	ug/L	100
27) 1,2-Dichloroethane	8.40	62	555899	25.856	ug/L	97
30) Cyclohexane	7.95	56	786011	26.220	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	617051	25.583	ug/L	98
32) Carbon tetrachloride	8.07	117	573759	25.071	ug/L	100
34) Benzene	8.32	78	1940739	25.521	ug/L	100
35) Trichloroethene	9.09	95	485540	24.955	ug/L	96
36) Methylcyclohexane	9.34	83	834053	25.510	ug/L	98
40) 1,2-Dichloropropane	9.37	63	502183	25.705	ug/L	99
41) Bromodichloromethane	9.64	83	609657	25.679	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	776827	26.552	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	748445	58.098	ug/L	99
44) Toluene	10.38	91	2061493	25.858	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	627089	26.479	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	381019	26.027	ug/L	98
47) Tetrachloroethene	10.86	164	399701	24.647	ug/L	96
49) 2-Hexanone	10.96	43	520672	56.770	ug/L	97
50) Dibromochloromethane	11.13	129	430655	26.211	ug/L	98
51) 1,2-Dibromoethane	11.23	107	367863	26.529	ug/L	98
52) Chlorobenzene	11.65	112	1285961	24.958	ug/L	94
53) Ethylbenzene	11.73	91	2242434	25.922	ug/L	99
54) m,p-Xylene	11.84	106	864819	25.989	ug/L	98
55) o-xylene	12.16	106	834605	26.442	ug/L	93
56) Styrene	12.18	104	1424881	26.388	ug/L	98
57) Isopropylbenzene	12.46	105	2123134	25.910	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	491980	27.076	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	360893	26.730	ug/L	100
62) Bromoform	12.35	173	261241	26.599	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	997514	25.646	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	994793	25.173	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	917345	25.362	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	78933	28.289	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	705478	25.210	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	594349	27.244	ug/L	98
69) Naphthalene	15.36	128	1276424	31.113	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	567274	27.729	ug/L	100

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

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