

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050719\
 Data File : VW010296.D
 Acq On : 07 May 2019 13:11
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV09

Quant Time: May 08 04:37:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:05:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	625018	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	585701	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	281989	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	169230	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.00%
7) Chloroethane-d5	2.89	69	138366	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.92%
10) 1,1-Dichloroethene-d2	4.02	63	422252	23.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.16%
20) 2-Butanone-d5	7.07	46	172843	51.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.54%
24) Chloroform-d	7.64	84	418452	25.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	8.31	65	243728	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.92%
29) Benzene-d6	8.27	84	806932	25.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.44%
33) 1,2-Dichloropropane-d6	9.27	67	247743	25.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.88%
37) Toluene-d8	10.32	98	726987	25.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.52%
38) trans-1,3-Dichloropropene-	10.58	79	113089	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.72%
39) 2-Hexanone-d5	10.93	63	136766	55.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	234805	25.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	247804	25.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	186981	22.381	ug/L	90
3) Chloromethane	2.21	50	184691	22.938	ug/L	98
5) Vinyl chloride	2.37	62	215619	22.870	ug/L	100
6) Bromomethane	2.78	94	123788	21.721	ug/L	98
8) Chloroethane	2.92	64	125579	22.125	ug/L	99
9) Trichlorofluoromethane	3.25	101	121657	19.992	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	203864	24.339	ug/L	97
12) 1,1-Dichloroethene	4.04	96	205342	24.201	ug/L	85
13) Acetone	4.12	43	131083	45.436	ug/L	98
14) Carbon disulfide	4.38	76	605807	23.330	ug/L	98
15) Methyl Acetate	4.67	43	147153	23.908	ug/L	99
16) Methylene chloride	4.91	84	204080	24.119	ug/L	93
17) Methyl tert-butyl Ether	5.42	73	283201	25.465	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	211546	24.169	ug/L	99
19) 1,1-Dichloroethane	6.21	63	409949	24.434	ug/L	99
21) 2-Butanone	7.17	43	206868	50.125	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	230034	25.451	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	100689	24.830	ug/L	98
25) Chloroform	7.67	83	409885	24.739	ug/L	100
27) 1,2-Dichloroethane	8.40	62	298082	24.514	ug/L	97
30) Cyclohexane	7.95	56	380665	25.136	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	315526	23.656	ug/L	98
32) Carbon tetrachloride	8.06	117	315805	23.822	ug/L	100
34) Benzene	8.32	78	909509	25.300	ug/L	100
35) Trichloroethene	9.09	95	230923	24.311	ug/L	99
36) Methylcyclohexane	9.34	83	403828	25.169	ug/L	100
40) 1,2-Dichloropropane	9.37	63	229309	24.996	ug/L	100
41) Bromodichloromethane	9.64	83	296006	24.935	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	349799	25.482	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	416239	50.932	ug/L	99
44) Toluene	10.39	91	959213	25.476	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	300375	25.377	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	167164	24.397	ug/L	97
47) Tetrachloroethene	10.86	164	175471	24.432	ug/L	96
49) 2-Hexanone	10.97	43	314347	50.720	ug/L	99
50) Dibromochloromethane	11.13	129	196828	24.972	ug/L	95
51) 1,2-Dibromoethane	11.24	107	168445	24.958	ug/L	100
52) Chlorobenzene	11.66	112	585507	24.894	ug/L	100
53) Ethylbenzene	11.73	91	1079316	25.683	ug/L	99
54) m,p-Xylene	11.84	106	401895	26.288	ug/L	98
55) o-xylene	12.16	106	377256	26.507	ug/L	97
56) Styrene	12.18	104	656190	26.719	ug/L	100
57) Isopropylbenzene	12.47	105	1024585	26.196	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	234902	24.944	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	178411	24.680	ug/L	99
62) Bromoform	12.35	173	118764	24.488	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	421376	25.097	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	445278	24.488	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	404916	25.066	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	45870	23.829	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	307117	24.420	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	247440	24.861	ug/L	98
69) Naphthalene	15.37	128	603162	26.872	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	244151	25.537	ug/L	99

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

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