

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031221\
 Data File : VW020546.D
 Acq On : 11 Mar 2021 18:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Mar 12 04:17:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 04:11:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	543006	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	540547	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	313957	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	155951	39.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.36%
7) Chloroethane-d5	1.571	69	128457	41.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.34%
11) 1,1-Dichloroethene-d2	2.111	63	281326	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.90%
21) 2-Butanone-d5	3.908	46	205237	101.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.82%
24) Chloroform-d	4.352	84	313394	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	5.037	65	190746	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
32) Benzene-d6	5.053	84	620306	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
36) 1,2-Dichloropropane-d6	6.075	67	183232	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.90%
41) Toluene-d8	7.320	98	601259	45.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.20%
43) trans-1,3-Dichloroprop...	7.625	79	90588	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.095	63	159790	108.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.39%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	270242	49.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.98%
64) 1,2-Dichlorobenzene-d4	11.631	152	288839	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	234449	47.43	ug/L	100
3) Chloromethane	1.243	50	193635	45.07	ug/L	99
5) Vinyl chloride	1.313	62	206030	45.39	ug/L	100
6) Bromomethane	1.523	94	143266	45.91	ug/L	95
8) Chloroethane	1.587	64	122866	48.27	ug/L	98
9) Trichlorofluoromethane	1.754	101	313541	47.57	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	171296	48.48	ug/L #	81
12) 1,1-Dichloroethene	2.121	96	167855	47.89	ug/L #	57
13) Acetone	2.211	43	138807	98.60	ug/L	88
14) Carbon disulfide	2.294	76	438672	44.80	ug/L	100
15) Methyl Acetate	2.442	43	148676	47.54	ug/L #	85
16) Methylene chloride	2.510	84	179795	47.59	ug/L	79
17) trans-1,2-Dichloroethene	2.764	96	172272	47.58	ug/L	84
18) Methyl tert-butyl Ether	2.773	73	488067	49.30	ug/L #	91
19) 1,1-Dichloroethane	3.191	63	282830	46.45	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	186494	48.74	ug/L	78
22) 2-Butanone	3.992	43	214667	103.10	ug/L	88
23) Bromochloromethane	4.252	128	110158	50.34	ug/L #	69
25) Chloroform	4.378	83	330129	48.50	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.133	62	229540	46.08	ug/L #	93
29) Cyclohexane	4.680	56	231998	48.13	ug/L #	84
30) 1,1,1-Trichloroethane	4.612	97	286648	48.73	ug/L #	93
31) Carbon tetrachloride	4.831	117	251907	48.20	ug/L	99
33) Benzene	5.104	78	689319	48.62	ug/L	100
34) Trichloroethene	5.918	95	204123	48.34	ug/L	87
35) Methylcyclohexane	6.136	83	270941	49.55	ug/L	88
37) 1,2-Dichloropropane	6.178	63	165920	47.08	ug/L #	96
38) Bromodichloromethane	6.513	83	231089	48.14	ug/L #	99
39) cis-1,3-Dichloropropene	7.030	75	265243	49.22	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	410257	100.82	ug/L #	86
42) Toluene	7.390	91	785836	50.36	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	258061	49.24	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	188833	49.83	ug/L	95
46) Tetrachloroethene	7.979	164	178898	50.50	ug/L	91
48) 2-Hexanone	8.143	43	327262	102.74	ug/L #	85
49) Dibromochloromethane	8.249	129	208712	50.17	ug/L	98
50) 1,2-Dibromoethane	8.355	107	207101	50.61	ug/L #	99
51) Chlorobenzene	8.886	112	538599	49.04	ug/L	93
52) Ethylbenzene	9.017	91	849603	49.54	ug/L	95
53) m,p-Xylene	9.143	106	342780	51.21	ug/L	89
54) o-xylene	9.548	106	332151	51.55	ug/L	88
55) Styrene	9.564	104	583897	52.62	ug/L	92
56) Isopropylbenzene	9.937	105	869047	51.03	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.246	83	265228	51.05	ug/L #	98
59) 1,2,3-Trichloropropane	10.278	75	234889	49.45	ug/L	99
61) Bromoform	9.738	173	158306	50.13	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	472014	49.85	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	480962	48.61	ug/L	95
65) 1,2-Dichlorobenzene	11.651	146	472619	49.32	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.435	75	56048	48.72	ug/L #	55
67) 1,3,5-Trichlorobenzene	12.651	180	373664	50.55	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	326169	51.26	ug/L	96
69) Naphthalene	13.509	128	931927	54.73	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	336115	52.06	ug/L	97

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

