

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110321\
 Data File : VW023185.D
 Acq On : 03 Nov 2021 14:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050367

Quant Time: Nov 03 15:25:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	268780	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	263126	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	156450	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	75142	40.566	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.140%
7) Chloroethane-d5	1.565	69	61059	42.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.520%
11) 1,1-Dichloroethene-d2	2.108	63	157019	44.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.500%
21) 2-Butanone-d5	3.876	46	128449	92.556	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.560%
24) Chloroform-d	4.346	84	191473	49.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.320%
26) 1,2-Dichloroethane-d4	5.027	65	116732	50.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.280%
32) Benzene-d6	5.047	84	357292	49.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.140%
36) 1,2-Dichloropropane-d6	6.066	67	112493	49.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.060%
41) Toluene-d8	7.314	98	340622	51.796	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	7.619	79	56342	51.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.460%
47) 2-Hexanone-d5	8.085	63	95994	96.321	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	162816	48.548	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.100%
66) 1,2-Dichlorobenzene-d4	11.622	152	144757	47.967	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	128921	50.456	ug/L	98
3) Chloromethane	1.240	50	114598	47.552	ug/L	98
5) Vinyl chloride	1.311	62	114645	47.607	ug/L	100
6) Bromomethane	1.520	94	66114	48.869	ug/L	99
8) Chloroethane	1.584	64	66414	45.300	ug/L	96
9) Trichlorofluoromethane	1.751	101	179713	49.173	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	94665	48.791	ug/L	99
12) 1,1-Dichloroethene	2.118	96	86020	47.779	ug/L	97
13) Acetone	2.166	43	138871	100.955	ug/L #	75
14) Carbon disulfide	2.294	76	269085	49.978	ug/L	100
15) Methyl Acetate	2.426	43	105426	46.174	ug/L	99
16) Methylene chloride	2.507	84	113665	49.284	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	104279	50.753	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	314591	50.984	ug/L	99
19) 1,1-Dichloroethane	3.188	63	187887	49.081	ug/L	100
20) cis-1,2-Dichloroethene	3.909	96	112343	51.151	ug/L	97
22) 2-Butanone	3.957	43	160103	102.117	ug/L	97
23) Bromochloromethane	4.243	128	62606	50.582	ug/L	96
25) Chloroform	4.372	83	196244	49.848	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	145755	49.323	ug/L	98
29) Cyclohexane	4.674	56	159232	51.844	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	176363	50.299	ug/L	100
31) Carbon tetrachloride	4.825	117	158622	50.332	ug/L	100
33) Benzene	5.095	78	428175	52.236	ug/L	100
34) Trichloroethene	5.912	95	109850	51.286	ug/L	96
35) Methylcyclohexane	6.130	83	176380	52.842	ug/L	99
37) 1,2-Dichloropropane	6.169	63	106852	49.602	ug/L	99
38) Bromodichloromethane	6.506	83	147773	50.683	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	169972	52.025	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	276145	99.390	ug/L	100
42) Toluene	7.384	91	468901	53.449	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	169748	53.591	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	109194	49.643	ug/L	98
46) Tetrachloroethene	7.973	164	95418	51.670	ug/L	99
48) 2-Hexanone	8.137	43	227779	103.256	ug/L	100
49) Dibromochloromethane	8.243	129	129749	51.623	ug/L	99
50) 1,2-Dibromoethane	8.349	107	116203	50.157	ug/L	100
51) Chlorobenzene	8.879	112	305731	51.591	ug/L	99
52) Ethylbenzene	9.011	91	495437	53.078	ug/L	99
53) m,p-Xylene	9.137	106	198724	55.230	ug/L	97
54) o-Xylene	9.542	106	190911	54.513	ug/L	98
55) Styrene	9.558	104	346209	56.877	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	168042	47.905	ug/L	98
59) Bromoform	9.731	173	94198	47.600	ug/L	99
60) Isopropylbenzene	9.931	105	505337	50.559	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	134480	45.864	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	428744	52.084	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	439745	53.213	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	261771	51.807	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	265235	50.398	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	256419	50.188	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	36296	44.353	ug/L	99
69) 1,3,5-Trichlorobenzene	12.645	180	195359	51.117	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	171145	51.671	ug/L	99
71) Naphthalene	13.503	128	534147	50.229	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	180805	51.642	ug/L	99

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

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