

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071321\
 Data File : VW021632.D
 Acq On : 13 Jul 2021 09:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050284

Quant Time: Jul 14 03:30:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 13 01:14:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	486318	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	451804	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	244059	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	157559	51.207	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.420%
7) Chloroethane-d5	1.558	69	123448	49.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.180%
11) 1,1-Dichloroethene-d2	2.105	63	272642	48.430	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.860%
21) 2-Butanone-d5	3.866	46	237577	90.407	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.410%
24) Chloroform-d	4.342	84	305518	47.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
26) 1,2-Dichloroethane-d4	5.027	65	183600	48.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
32) Benzene-d6	5.047	84	620898	48.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.900%
36) 1,2-Dichloropropane-d6	6.066	67	193963	48.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	7.313	98	581293	49.548	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.100%
43) trans-1,3-Dichloroprop...	7.619	79	99434	49.959	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.920%
47) 2-Hexanone-d5	8.085	63	171151	92.218	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	267516	49.626	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.260%
66) 1,2-Dichlorobenzene-d4	11.625	152	233367	47.962	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	186909	44.436	ug/L	99
3) Chloromethane	1.240	50	182667	45.109	ug/L	100
5) Vinyl chloride	1.307	62	180228	44.957	ug/L	99
6) Bromomethane	1.506	94	106715	45.679	ug/L	97
8) Chloroethane	1.574	64	105174	45.632	ug/L	99
9) Trichlorofluoromethane	1.748	101	246604	48.877	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	139920	48.409	ug/L	99
12) 1,1-Dichloroethene	2.114	96	128508	46.270	ug/L	94
13) Acetone	2.156	43	216498	99.655	ug/L	# 100
14) Carbon disulfide	2.288	76	419621	42.854	ug/L	100
15) Methyl Acetate	2.423	43	171544	42.492	ug/L	100
16) Methylene chloride	2.500	84	168042	44.570	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	154838	45.697	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	501143	45.666	ug/L	99
19) 1,1-Dichloroethane	3.185	63	283972	46.009	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	173665	46.092	ug/L	96
22) 2-Butanone	3.947	43	280904	93.625	ug/L	97
23) Bromochloromethane	4.243	128	91099	45.807	ug/L	95
25) Chloroform	4.371	83	293198	46.595	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	213425	46.632	ug/L	99
29) Cyclohexane	4.670	56	260490	45.660	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	261259	45.995	ug/L	99
31) Carbon tetrachloride	4.825	117	229078	45.793	ug/L	99
33) Benzene	5.095	78	639338	46.498	ug/L	100
34) Trichloroethene	5.911	95	168575	45.356	ug/L	99
35) Methylcyclohexane	6.127	83	272023	46.100	ug/L	99
37) 1,2-Dichloropropane	6.172	63	163111	45.639	ug/L	100
38) Bromodichloromethane	6.506	83	221550	45.871	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	265664	45.077	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	457183	87.144	ug/L	100
42) Toluene	7.384	91	688838	46.772	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	252476	45.873	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	162477	46.277	ug/L	98
46) Tetrachloroethene	7.976	164	136524	46.185	ug/L	98
48) 2-Hexanone	8.136	43	378471	91.268	ug/L	98
49) Dibromochloromethane	8.246	129	188378	46.588	ug/L	98
50) 1,2-Dibromoethane	8.352	107	177177	46.025	ug/L	99
51) Chlorobenzene	8.879	112	449369	46.887	ug/L	98
52) Ethylbenzene	9.011	91	753059	47.066	ug/L	100
53) m,p-Xylene	9.136	106	289722	47.185	ug/L	96
54) o-Xylene	9.542	106	288737	47.135	ug/L	99
55) Styrene	9.561	104	495241	47.844	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	263041	48.061	ug/L	99
59) Bromoform	9.731	173	139466	44.460	ug/L	100
60) Isopropylbenzene	9.931	105	759634	45.633	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	202377	42.895	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	647381	45.631	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	656864	45.751	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	361531	46.185	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	359285	45.921	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	361480	46.079	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	57177	40.880	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	268354	45.874	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	227898	45.300	ug/L	99
71) Naphthalene	13.503	128	682648	44.554	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	229106	46.108	ug/L	99

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

