

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071221\
 Data File : VW021616.D
 Acq On : 12 Jul 2021 09:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050282

Quant Time: Jul 13 01:09:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 07 01:00:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	495148	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	463905	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	248472	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	118445	37.808	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.620%
7) Chloroethane-d5	1.558	69	107386	41.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.880%
11) 1,1-Dichloroethene-d2	2.105	63	245715	42.868	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.740%
21) 2-Butanone-d5	3.867	46	249552	93.271	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.270%
24) Chloroform-d	4.346	84	306312	46.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.500%
26) 1,2-Dichloroethane-d4	5.027	65	181409	46.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.960%
32) Benzene-d6	5.047	84	582220	44.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.066	67	188501	45.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.760%
41) Toluene-d8	7.313	98	541984	44.992	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.980%
43) trans-1,3-Dichloroprop...	7.619	79	94399	46.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.380%
47) 2-Hexanone-d5	8.085	63	184832	96.992	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.990%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	277106	50.064	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.120%
66) 1,2-Dichlorobenzene-d4	11.625	152	232580	46.951	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	195990	45.764	ug/L	100
3) Chloromethane	1.240	50	186902	45.332	ug/L	98
5) Vinyl chloride	1.310	62	184294	45.151	ug/L	99
6) Bromomethane	1.507	94	106752	44.880	ug/L	98
8) Chloroethane	1.577	64	106027	45.182	ug/L	99
9) Trichlorofluoromethane	1.748	101	256737	49.978	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	143672	48.821	ug/L	99
12) 1,1-Dichloroethene	2.114	96	132721	46.935	ug/L	94
13) Acetone	2.156	43	227969	103.063	ug/L #	100
14) Carbon disulfide	2.291	76	442010	44.335	ug/L	100
15) Methyl Acetate	2.423	43	182104	44.304	ug/L	99
16) Methylene chloride	2.503	84	171701	44.728	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	161554	46.829	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	535146	47.895	ug/L	100
19) 1,1-Dichloroethane	3.185	63	291129	46.328	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	181755	47.379	ug/L	97
22) 2-Butanone	3.950	43	299407	98.012	ug/L	97
23) Bromochloromethane	4.243	128	95012	46.923	ug/L	99
25) Chloroform	4.371	83	305205	47.638	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	220323	47.281	ug/L	99
29) Cyclohexane	4.674	56	269693	46.040	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	274505	47.067	ug/L	100
31) Carbon tetrachloride	4.825	117	246161	47.925	ug/L	100
33) Benzene	5.095	78	663486	46.996	ug/L	100
34) Trichloroethene	5.912	95	174740	45.788	ug/L	97
35) Methylcyclohexane	6.130	83	286534	47.293	ug/L	99
37) 1,2-Dichloropropane	6.172	63	169348	46.148	ug/L	99
38) Bromodichloromethane	6.506	83	236153	47.619	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	285936	47.251	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	478387	88.807	ug/L	100
42) Toluene	7.387	91	714620	47.257	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	271494	48.042	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	168692	46.793	ug/L	99
46) Tetrachloroethene	7.976	164	144121	47.483	ug/L	97
48) 2-Hexanone	8.136	43	389277	91.425	ug/L	99
49) Dibromochloromethane	8.246	129	202668	48.815	ug/L	99
50) 1,2-Dibromoethane	8.352	107	183481	46.419	ug/L	100
51) Chlorobenzene	8.882	112	470831	47.845	ug/L	100
52) Ethylbenzene	9.011	91	780109	47.485	ug/L	100
53) m,p-Xylene	9.136	106	303918	48.205	ug/L	98
54) o-Xylene	9.542	106	301376	47.915	ug/L	97
55) Styrene	9.561	104	517341	48.675	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	269647	47.983	ug/L	99
59) Bromoform	9.731	173	152680	47.808	ug/L	100
60) Isopropylbenzene	9.931	105	797714	47.069	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	213533	44.456	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	684303	47.377	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	694506	47.514	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	378869	47.541	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	382258	47.989	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	380619	47.657	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	64079	45.001	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	284229	47.725	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	246394	48.106	ug/L	99
71) Naphthalene	13.503	128	737705	47.292	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	243885	48.210	ug/L	99

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

