

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029562.D
 Acq On : 10 Dec 2022 07:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050381

Quant Time: Dec 10 07:43:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 00:41:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	487318	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	455360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	244961	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	162784	54.550	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 109.100%		
7) Chloroethane-d5	1.564	69	131548	57.811	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 115.620%		
11) 1,1-Dichloroethene-d2	2.108	63	267823	57.541	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 115.080%		
21) 2-Butanone-d5	3.873	46	201193	110.521	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 110.520%		
24) Chloroform-d	4.339	84	286892	51.089	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.180%		
26) 1,2-Dichloroethane-d4	5.024	65	165467	51.592	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 103.180%		
32) Benzene-d6	5.043	84	612861	50.935	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.880%		
36) 1,2-Dichloropropane-d6	6.063	67	183199	49.846	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 99.700%		
41) Toluene-d8	7.307	98	564284	49.774	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 99.540%		
43) trans-1,3-Dichloroprop...	7.612	79	75997	40.950	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 81.900%		
47) 2-Hexanone-d5	8.082	63	170948	108.924	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 108.920%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	248935	47.399	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 94.800%		
66) 1,2-Dichlorobenzene-d4	11.612	152	220053	47.190	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 94.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	186772	48.657	ug/L	100
3) Chloromethane	1.240	50	199137	45.502	ug/L	100
5) Vinyl chloride	1.310	62	192270	52.509	ug/L	98
6) Bromomethane	1.519	94	88994	60.402	ug/L	100
8) Chloroethane	1.580	64	114130	55.976	ug/L	100
9) Trichlorofluoromethane	1.751	101	246743	53.829	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	137751	54.082	ug/L	99
12) 1,1-Dichloroethene	2.117	96	142151	54.572	ug/L	97
13) Acetone	2.162	43	121520	102.471	ug/L	100
14) Carbon disulfide	2.291	76	423266	48.824	ug/L	100
15) Methyl Acetate	2.426	43	151050	55.906	ug/L	96
16) Methylene chloride	2.503	84	170219	52.557	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	158254	52.727	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	491142	53.410	ug/L	99
19) 1,1-Dichloroethane	3.185	63	277283	53.928	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	172653	52.313	ug/L	91
22) 2-Butanone	3.957	43	206865	109.628	ug/L	97
23) Bromochloromethane	4.239	128	90330	53.152	ug/L	95
25) Chloroform	4.365	83	286170	53.685	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	199094	52.873	ug/L	99
29) Cyclohexane	4.670	56	251905	51.068	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	252150	50.825	ug/L	98
31) Carbon tetrachloride	4.821	117	211839	48.897	ug/L	99
33) Benzene	5.092	78	668463	52.080	ug/L	100
34) Trichloroethene	5.908	95	164427	51.122	ug/L	98
35) Methylcyclohexane	6.124	83	273846	50.130	ug/L	98
37) 1,2-Dichloropropane	6.165	63	166082	53.611	ug/L	99
38) Bromodichloromethane	6.500	83	212586	49.709	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	211761	41.563	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	420492	113.842	ug/L	97
42) Toluene	7.381	91	710503	51.430	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	205013	42.490	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	166252	51.945	ug/L	99
46) Tetrachloroethene	7.966	164	130781	50.575	ug/L	98
48) 2-Hexanone	8.133	43	325358	115.296	ug/L	97
49) Dibromochloromethane	8.236	129	173647	49.142	ug/L	99
50) 1,2-Dibromoethane	8.342	107	162888	49.401	ug/L	99
51) Chlorobenzene	8.873	112	452808	51.761	ug/L	100
52) Ethylbenzene	9.005	91	753771	51.897	ug/L	99
53) m,p-Xylene	9.130	106	293539	51.063	ug/L	99
54) o-Xylene	9.535	106	293320	51.584	ug/L	100
55) Styrene	9.551	104	521760	52.800	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	259675	50.721	ug/L	97
59) Bromoform	9.722	173	130526	48.236	ug/L	99
60) Isopropylbenzene	9.921	105	766666	53.307	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	194475	51.433	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	647225	50.897	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	644172	51.104	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	353875	50.323	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	359259	50.269	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	361226	50.234	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	53215	45.282	ug/L	98
69) 1,3,5-Trichlorobenzene	12.631	180	268643	48.004	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	243370	48.905	ug/L	100
71) Naphthalene	13.490	128	557167	49.360	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	246753	50.624	ug/L	100

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

