

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122322\
 Data File : VW029787.D
 Acq On : 23 Dec 2022 15:24
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050398

Quant Time: Dec 24 01:51:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 24 01:45:32 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		5.603	114	508035	50.000	ug/L	0.00
28) Chlorobenzene-d5		8.841	117	489678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.236	152	286227	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.304	65	166950	53.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 107.320%		
7) Chloroethane-d5		1.561	69	146680	61.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 123.660%		
11) 1,1-Dichloroethene-d2		2.105	63	291298	60.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 120.060%		
21) 2-Butanone-d5		3.863	46	196605	103.597	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 103.600%		
24) Chloroform-d		4.333	84	299411	51.144	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.280%		
26) 1,2-Dichloroethane-d4		5.018	65	171155	51.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.380%		
32) Benzene-d6		5.037	84	629570	48.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.320%		
36) 1,2-Dichloropropane-d6		6.056	67	189939	48.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 96.120%		
41) Toluene-d8		7.304	98	578022	47.412	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 94.820%		
43) trans-1,3-Dichloroprop...		7.609	79	83723	41.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 83.900%		
47) 2-Hexanone-d5		8.079	63	161372	95.616	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 95.620%		
56) 1,1,2,2-Tetrachloroeth...		10.204	84	259368	45.924	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 91.840%		
66) 1,2-Dichlorobenzene-d4		11.612	152	226268	41.527	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 83.060%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.127	85	181448	45.343	ug/L	100
3) Chloromethane		1.240	50	199185	43.657	ug/L	100
5) Vinyl chloride		1.310	62	201402	52.760	ug/L	98
6) Bromomethane		1.516	94	85676	55.779	ug/L	100
8) Chloroethane		1.581	64	123110	57.918	ug/L	99
9) Trichlorofluoromethane		1.748	101	259944	54.396	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...		2.111	101	157724	59.398	ug/L	97
12) 1,1-Dichloroethene		2.114	96	150801	55.532	ug/L	95
13) Acetone		2.156	43	183552	148.468	ug/L	100
14) Carbon disulfide		2.288	76	431641	47.760	ug/L	100
15) Methyl Acetate		2.420	43	160981	57.152	ug/L	98
16) Methylene chloride		2.497	84	179828	53.259	ug/L	95
17) trans-1,2-Dichloroethene		2.751	96	161476	51.607	ug/L	96
18) Methyl tert-butyl Ether		2.757	73	498902	52.042	ug/L	98
19) 1,1-Dichloroethane		3.179	63	289815	54.066	ug/L	99
20) cis-1,2-Dichloroethene		3.896	96	179783	52.252	ug/L	95
22) 2-Butanone		3.944	43	237269	120.613	ug/L	100
23) Bromochloromethane		4.233	128	91334	51.552	ug/L	94
25) Chloroform		4.359	83	303486	54.612	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.114	62	208925	53.221	ug/L	98
29) Cyclohexane	4.664	56	257874	48.614	ug/L	97
30) 1,1,1-Trichloroethane	4.593	97	260000	48.735	ug/L	99
31) Carbon tetrachloride	4.815	117	220949	47.426	ug/L	100
33) Benzene	5.085	78	693533	50.246	ug/L	100
34) Trichloroethene	5.902	95	168363	48.678	ug/L	99
35) Methylcyclohexane	6.117	83	288461	49.105	ug/L	97
37) 1,2-Dichloropropane	6.159	63	173744	52.154	ug/L	99
38) Bromodichloromethane	6.497	83	225600	49.055	ug/L	100
39) cis-1,3-Dichloropropene	7.014	75	248901	45.429	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	429924	108.238	ug/L	96
42) Toluene	7.375	91	739881	49.803	ug/L	98
44) trans-1,3-Dichloropropene	7.638	75	236308	45.544	ug/L	100
45) 1,1,2-Trichloroethane	7.825	97	173358	50.370	ug/L	98
46) Tetrachloroethene	7.963	164	138662	49.864	ug/L	97
48) 2-Hexanone	8.130	43	332290	109.500	ug/L	97
49) Dibromochloromethane	8.233	129	179929	47.352	ug/L	99
50) 1,2-Dibromoethane	8.339	107	172423	48.628	ug/L	100
51) Chlorobenzene	8.870	112	464527	49.379	ug/L	99
52) Ethylbenzene	8.998	91	778736	49.858	ug/L	99
53) m,p-Xylene	9.127	106	309452	50.058	ug/L	100
54) o-Xylene	9.532	106	297792	48.700	ug/L	100
55) Styrene	9.548	104	550064	51.763	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.226	83	271621	49.337	ug/L	99
59) Bromoform	9.718	173	137222	43.399	ug/L	100
60) Isopropylbenzene	9.918	105	767568	45.675	ug/L	100
61) 1,2,3-Trichloropropane	10.259	75	203687	46.103	ug/L	100
62) 1,3,5-Trimethylbenzene	10.525	105	665847	44.812	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	666805	45.273	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	379530	46.190	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	389125	46.598	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	384660	45.780	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	57050	41.546	ug/L	99
69) 1,3,5-Trichlorobenzene	12.632	180	294693	45.067	ug/L	100
70) 1,2,4-trichlorobenzene	13.291	180	261868	45.036	ug/L	99
71) Naphthalene	13.580	128	666413	50.527	ug/L	100
72) 1,2,3-Trichlorobenzene	13.882	180	262988	46.176	ug/L	100

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

