

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029684.D
 Acq On : 14 Dec 2022 04:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050388

Quant Time: Dec 14 04:52:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 23:56:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	477195	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	443220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	244846	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	150115	51.372	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 102.740%		
7) Chloroethane-d5	1.561	69	124943	56.073	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 112.140%		
11) 1,1-Dichloroethene-d2	2.108	63	262422	57.577	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 115.160%		
21) 2-Butanone-d5	3.873	46	202715	113.720	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 113.720%		
24) Chloroform-d	4.339	84	276518	50.286	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 100.580%		
26) 1,2-Dichloroethane-d4	5.024	65	158766	50.552	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.100%		
32) Benzene-d6	5.043	84	576441	49.221	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 98.440%		
36) 1,2-Dichloropropane-d6	6.063	67	175407	49.034	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 98.060%		
41) Toluene-d8	7.307	98	530736	48.097	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 96.200%		
43) trans-1,3-Dichloroprop...	7.612	79	73921	40.922	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 81.840%		
47) 2-Hexanone-d5	8.082	63	165397	108.274	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 108.270%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	257158	50.306	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 100.620%		
66) 1,2-Dichlorobenzene-d4	11.612	152	212064	45.498	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 91.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	176434	46.939	ug/L	99
3) Chloromethane	1.240	50	202584	47.271	ug/L	100
5) Vinyl chloride	1.310	62	190191	53.043	ug/L	99
6) Bromomethane	1.516	94	91063	63.118	ug/L	99
8) Chloroethane	1.581	64	116763	58.482	ug/L	99
9) Trichlorofluoromethane	1.751	101	239172	53.284	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	139672	56.000	ug/L	97
12) 1,1-Dichloroethene	2.117	96	139866	54.834	ug/L	95
13) Acetone	2.159	43	132610	114.195	ug/L	99
14) Carbon disulfide	2.291	76	402912	47.462	ug/L	99
15) Methyl Acetate	2.423	43	157065	59.366	ug/L	98
16) Methylene chloride	2.503	84	175343	55.287	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	151338	51.493	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	486270	54.002	ug/L	99
19) 1,1-Dichloroethane	3.182	63	275606	54.739	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	168821	52.237	ug/L	92
22) 2-Butanone	3.953	43	227291	123.008	ug/L	95
23) Bromochloromethane	4.240	128	89508	53.786	ug/L	94
25) Chloroform	4.365	83	283373	54.288	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	201356	54.608	ug/L	99
29) Cyclohexane	4.670	56	239156	49.811	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	242467	50.212	ug/L	98
31) Carbon tetrachloride	4.822	117	205059	48.629	ug/L	100
33) Benzene	5.092	78	647129	51.799	ug/L	100
34) Trichloroethene	5.908	95	160761	51.352	ug/L	99
35) Methylcyclohexane	6.124	83	266763	50.171	ug/L	98
37) 1,2-Dichloropropane	6.166	63	163874	54.347	ug/L	99
38) Bromodichloromethane	6.503	83	210006	50.451	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	210064	42.360	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	434996	120.995	ug/L	97
42) Toluene	7.378	91	687102	51.098	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	208922	44.487	ug/L	98
45) 1,1,2-Trichloroethane	7.828	97	164875	52.926	ug/L	99
46) Tetrachloroethene	7.966	164	127328	50.588	ug/L	99
48) 2-Hexanone	8.133	43	341725	124.412	ug/L	95
49) Dibromochloromethane	8.236	129	170547	49.587	ug/L	100
50) 1,2-Dibromoethane	8.342	107	164750	51.334	ug/L	100
51) Chlorobenzene	8.873	112	442456	51.963	ug/L	99
52) Ethylbenzene	9.001	91	728888	51.558	ug/L	100
53) m,p-Xylene	9.130	106	285148	50.962	ug/L	100
54) o-Xylene	9.535	106	281700	50.897	ug/L	99
55) Styrene	9.551	104	505126	52.517	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	272156	54.615	ug/L	99
59) Bromoform	9.722	173	128187	47.394	ug/L	100
60) Isopropylbenzene	9.921	105	739219	51.423	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	209950	55.552	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	641654	50.483	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	619683	49.184	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	351416	49.997	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	354286	49.597	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	356910	49.657	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	55408	47.170	ug/L	99
69) 1,3,5-Trichlorobenzene	12.632	180	266083	47.569	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	237702	47.789	ug/L	100
71) Naphthalene	13.490	128	570134	50.533	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	243541	49.989	ug/L	99

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

