

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VW033079.D
 Acq On : 01 Dec 2023 15:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050342

Quant Time: Dec 04 04:17:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 04:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	351507	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	343200	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	204572	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	106596	50.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.460%	
7) Chloroethane-d5	1.532	69	74040	50.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.140%	
11) 1,1-Dichloroethene-d2	2.060	65	39318	49.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 98.380%	
21) 2-Butanone-d5	3.780	46	109287	104.713	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 104.710%	
24) Chloroform-d	4.249	84	225607	50.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.180%	
26) 1,2-Dichloroethane-d4	4.941	65	141848	51.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.320%	
32) Benzene-d6	4.960	84	422798	52.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.340%	
36) 1,2-Dichloropropane-d6	5.989	67	114103	52.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.740%	
41) Toluene-d8	7.243	98	415650	54.284	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.560%	
43) trans-1,3-Dichloroprop...	7.551	79	70680	51.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.580%	
47) 2-Hexanone-d5	8.021	63	93338	107.654	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 107.650%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	160631	52.358	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 104.720%	
66) 1,2-Dichlorobenzene-d4	11.561	152	189989	52.197	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	187777	48.872	ug/L	100
3) Chloromethane	1.214	50	123798	48.853	ug/L	99
5) Vinyl chloride	1.285	62	118982	48.957	ug/L	98
6) Bromomethane	1.484	94	79384	50.057	ug/L	99
8) Chloroethane	1.548	64	63936	49.413	ug/L	99
9) Trichlorofluoromethane	1.716	101	199408	49.724	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	95407	50.662	ug/L	99
12) 1,1-Dichloroethene	2.069	96	88808	50.394	ug/L	93
13) Acetone	2.108	43	87295	87.614	ug/L	100
14) Carbon disulfide	2.243	76	309620	48.970	ug/L	100
15) Methyl Acetate	2.368	43	85008	51.190	ug/L	99
16) Methylene chloride	2.449	84	113851	48.789	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	116214	50.226	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	353516	50.295	ug/L	100
19) 1,1-Dichloroethane	3.111	63	188557	49.237	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	124333	50.643	ug/L	98
22) 2-Butanone	3.860	43	119778	94.465	ug/L	93
23) Bromochloromethane	4.150	128	66121	46.904	ug/L	100
25) Chloroform	4.275	83	217305	49.339	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	171200	49.190	ug/L	100
29) Cyclohexane	4.584	56	165914	52.340	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	210839	49.709	ug/L	99
31) Carbon tetrachloride	4.735	117	201327	51.049	ug/L	98
33) Benzene	5.008	78	445545	51.230	ug/L	100
34) Trichloroethene	5.831	95	130509	50.230	ug/L	96
35) Methylcyclohexane	6.050	83	193393	51.285	ug/L	98
37) 1,2-Dichloropropane	6.092	63	102486	50.918	ug/L	99
38) Bromodichloromethane	6.432	83	163995	50.540	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	186210	50.985	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	225578	105.555	ug/L	99
42) Toluene	7.317	91	506961	51.729	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	193808	52.478	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	116567	49.949	ug/L	99
46) Tetrachloroethene	7.905	164	113496	50.814	ug/L	97
48) 2-Hexanone	8.072	43	180957	102.130	ug/L	99
49) Dibromochloromethane	8.175	129	139947	50.233	ug/L	100
50) 1,2-Dibromoethane	8.281	107	126090	50.677	ug/L	99
51) Chlorobenzene	8.815	112	344703	50.017	ug/L	99
52) Ethylbenzene	8.947	91	580360	51.448	ug/L	99
53) m,p-Xylene	9.072	106	230987	51.707	ug/L	95
54) o-Xylene	9.477	106	223040	50.597	ug/L	100
55) Styrene	9.497	104	396303	51.969	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	159151	49.914	ug/L	100
59) Bromoform	9.664	173	113576	51.154	ug/L	99
60) Isopropylbenzene	9.866	105	622178	52.747	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	128527	50.385	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	500535	52.669	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	531662	53.718	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	319717	50.735	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	329253	50.298	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	310425	50.248	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	39750	50.785	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	250370	49.601	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	239541	51.365	ug/L	99
71) Naphthalene	13.439	128	632563	55.619	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	237602	52.801	ug/L	98

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

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