

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012925\
 Data File : VX044756.D
 Acq On : 29 Jan 2025 09:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050820

Quant Time: Jan 30 07:48:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 12:04:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	316498	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	275990	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	123411	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	125526	52.689	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 105.380%		
7) Chloroethane-d5	1.642	69	49273	54.441	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 108.880%		
11) 1,1-Dichloroethene-d2	2.294	65	53227	52.268	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.540%		
21) 2-Butanone-d5	4.446	46	127863	125.542	ug/L	-0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	= 125.540%		
24) Chloroform-d	5.044	84	214154	51.155	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.300%		
26) 1,2-Dichloroethane-d4	5.946	65	124900	49.705	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 99.400%		
32) Benzene-d6	5.958	84	438222	50.781	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.560%		
36) 1,2-Dichloropropane-d6	7.299	67	136608	50.013	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 100.020%		
41) Toluene-d8	8.641	98	386363	50.586	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 101.180%		
43) trans-1,3-Dichloroprop...	8.945	79	65329	50.422	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 100.840%		
47) 2-Hexanone-d5	9.384	63	82503	102.059	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 102.060%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	172668	50.871	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 101.740%		
66) 1,2-Dichlorobenzene-d4	12.317	152	125670	52.043	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 104.080%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	133066	58.787	ug/L	100
3) Chloromethane	1.300	50	152398	54.606	ug/L	100
5) Vinyl chloride	1.374	62	144377	56.331	ug/L	99
6) Bromomethane	1.593	94	38251	55.140	ug/L	99
8) Chloroethane	1.666	64	64171	62.706	ug/L	98
9) Trichlorofluoromethane	1.873	101	170698	59.734	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	119877	57.025	ug/L	98
12) 1,1-Dichloroethene	2.312	96	110082	56.117	ug/L	98
13) Acetone	2.379	43	128198	126.226	ug/L	98
14) Carbon disulfide	2.501	76	323442	53.844	ug/L	99
15) Methyl Acetate	2.696	43	125626	53.453	ug/L	97
16) Methylene chloride	2.782	84	126031	56.173	ug/L	99
17) trans-1,2-Dichloroethene	3.081	96	111744	54.456	ug/L	100
18) Methyl tert-butyl Ether	3.105	73	380009	53.713	ug/L	98
19) 1,1-Dichloroethane	3.599	63	217632	54.241	ug/L	98
20) cis-1,2-Dichloroethene	4.471	96	133434	54.323	ug/L	97
22) 2-Butanone	4.550	43	181364	108.295	ug/L	100
23) Bromochloromethane	4.885	128	63713	52.594	ug/L	95
25) Chloroform	5.080	83	214021	52.574	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	157770	51.659	ug/L	99
29) Cyclohexane	5.458	56	223531	52.761	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	182191	52.177	ug/L	99
31) Carbon tetrachloride	5.665	117	155890	52.059	ug/L	100
33) Benzene	6.025	78	483619	53.171	ug/L	100
34) Trichloroethene	7.116	95	122612	52.974	ug/L	97
35) Methylcyclohexane	7.372	83	210349	53.122	ug/L	99
37) 1,2-Dichloropropane	7.421	63	126225	51.307	ug/L	100
38) Bromodichloromethane	7.811	83	162522	52.636	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	214991	53.827	ug/L	98
40) 4-Methyl-2-pentanone	8.567	43	336177	103.367	ug/L	99
42) Toluene	8.714	91	498898	53.463	ug/L	99
44) trans-1,3-Dichloropropene	8.970	75	190279	53.216	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	120668	52.548	ug/L	99
46) Tetrachloroethene	9.268	164	87498	53.234	ug/L	99
48) 2-Hexanone	9.427	43	252152	108.201	ug/L	99
49) Dibromochloromethane	9.512	129	122160	52.748	ug/L	96
50) 1,2-Dibromoethane	9.604	107	124150	51.583	ug/L	100
51) Chlorobenzene	10.073	112	313397	53.797	ug/L	99
52) Ethylbenzene	10.189	91	550457	53.965	ug/L	99
53) m,p-Xylene	10.299	106	208563	54.464	ug/L	94
54) o-Xylene	10.634	106	205859	54.538	ug/L	97
55) Styrene	10.652	104	344348	55.275	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	186515	52.349	ug/L	99
59) Bromoform	10.793	173	86417	52.935	ug/L	99
60) Isopropylbenzene	10.957	105	530199	53.494	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	136039	49.929	ug/L	100
62) 1,3,5-Trimethylbenzene	11.445	105	441896	54.348	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	438012	54.389	ug/L	99
64) 1,3-Dichlorobenzene	11.963	146	221681	54.408	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	219562	54.137	ug/L	97
67) 1,2-Dichlorobenzene	12.329	146	216036	53.480	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	36242	48.817	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	147518	55.253	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	132035	54.855	ug/L	99
71) Naphthalene	13.774	128	485949	52.057	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	130385	53.421	ug/L	99

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

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