

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012125\
 Data File : VX044689.D
 Acq On : 21 Jan 2025 18:26
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050815

Quant Time: Jan 22 01:39:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM012125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 22 01:17:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	312241	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	273907	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	117684	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	134898	50.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.120%	
7) Chloroethane-d5	1.648	69	30439	43.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 87.700%	
11) 1,1-Dichloroethene-d2	2.294	65	41883	41.168	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 82.340%	
21) 2-Butanone-d5	4.452	46	137797	102.009	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 102.010%	
24) Chloroform-d	5.050	84	235482	52.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.740%	
26) 1,2-Dichloroethane-d4	5.946	65	145883	49.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.320%	
32) Benzene-d6	5.964	84	469302	51.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.680%	
36) 1,2-Dichloropropane-d6	7.300	67	150851	52.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 104.420%	
41) Toluene-d8	8.647	98	410700	50.257	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.520%	
43) trans-1,3-Dichloroprop...	8.946	79	76087	51.383	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.760%	
47) 2-Hexanone-d5	9.384	63	87529	105.446	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 105.450%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	181955	52.242	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 104.480%	
66) 1,2-Dichlorobenzene-d4	12.317	152	132270	52.301	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	87505	47.948	ug/L	100
3) Chloromethane	1.294	50	124081	56.179	ug/L	100
5) Vinyl chloride	1.374	62	122134	55.178	ug/L	100
6) Bromomethane	1.593	94	28529	54.772	ug/L	100
8) Chloroethane	1.666	64	19699	43.312	ug/L	98
9) Trichlorofluoromethane	1.868	101	104027	51.944	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	71334	42.474	ug/L	100
12) 1,1-Dichloroethene	2.313	96	68417	43.796	ug/L	95
13) Acetone	2.380	43	71364	88.184	ug/L	93
14) Carbon disulfide	2.502	76	199466	40.674	ug/L	100
15) Methyl Acetate	2.703	43	91506	47.178	ug/L	99
16) Methylene chloride	2.782	84	112630	58.267	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	99271	56.725	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	362524	57.566	ug/L	99
19) 1,1-Dichloroethane	3.599	63	200359	57.869	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	120416	56.968	ug/L	98
22) 2-Butanone	4.556	43	145124	114.602	ug/L	100
23) Bromochloromethane	4.891	128	59410	57.358	ug/L	99
25) Chloroform	5.086	83	198973	56.082	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	156638	57.199	ug/L	98
29) Cyclohexane	5.458	56	166685	50.785	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	164963	53.120	ug/L	100
31) Carbon tetrachloride	5.666	117	136431	51.138	ug/L	100
33) Benzene	6.031	78	431498	56.084	ug/L	100
34) Trichloroethene	7.117	95	107435	53.647	ug/L	97
35) Methylcyclohexane	7.373	83	163079	49.480	ug/L	99
37) 1,2-Dichloropropane	7.421	63	118159	56.830	ug/L	99
38) Bromodichloromethane	7.818	83	156279	55.507	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	197098	55.126	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	292962	117.488	ug/L	99
42) Toluene	8.714	91	441698	55.419	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	181889	56.228	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	112275	55.466	ug/L	99
46) Tetrachloroethene	9.269	164	74027	53.961	ug/L	99
48) 2-Hexanone	9.433	43	212348	115.702	ug/L	99
49) Dibromochloromethane	9.519	129	116170	55.421	ug/L	95
50) 1,2-Dibromoethane	9.604	107	117260	56.846	ug/L	98
51) Chlorobenzene	10.073	112	279618	56.856	ug/L	98
52) Ethylbenzene	10.189	91	481466	56.023	ug/L	99
53) m,p-Xylene	10.299	106	180121	56.032	ug/L	97
54) o-Xylene	10.640	106	182510	57.191	ug/L	97
55) Styrene	10.653	104	303508	58.731	ug/L	100
57) 1,1,1,2-Tetrachloroethane	11.207	83	168690	57.391	ug/L	97
59) Bromoform	10.799	173	80085	53.803	ug/L	99
60) Isopropylbenzene	10.957	105	452437	54.085	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	124934	54.086	ug/L	100
62) 1,3,5-Trimethylbenzene	11.445	105	381499	54.930	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	380413	56.310	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	187989	55.978	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	186104	55.239	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	191343	56.811	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	34744	52.316	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	121297	55.446	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	114041	57.885	ug/L	97
71) Naphthalene	13.774	128	424805	56.284	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	115367	57.024	ug/L	99

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

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