

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031725\
 Data File : VV038716.D
 Acq On : 17 Mar 2025 14:04
 Operator : SY/MD
 Sample : VSTD20017
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200217

Quant Time: Mar 17 15:06:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 17 13:51:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	432555	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	464369	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	266262	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	811533	224.53	ug/L	0.00
7) Chloroethane-d5	1.523	69	658764	216.32	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	350136	228.50	ug/L	0.00
21) 2-Butanone-d5	3.770	46	702702	408.55	ug/L	-0.01
24) Chloroform-d	4.236	84	1463516	222.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.928	65	887829	228.69	ug/L	0.00
32) Benzene-d6	4.947	84	2930370	219.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.976	67	961510	231.12	ug/L	0.00
41) Toluene-d8	7.233	98	2697151	222.89	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	446977	222.14	ug/L	0.00
47) 2-Hexanone-d5	8.011	63	545244	429.16	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	1179758	202.76	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	1031844	200.44	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	530146	133.45	ug/L	99
3) Chloromethane	1.214	50	697848	169.33	ug/L	99
5) Vinyl chloride	1.281	62	728687	173.35	ug/L	99
6) Bromomethane	1.474	94	390748	150.03	ug/L	100
8) Chloroethane	1.539	64	452076	169.97	ug/L	99
9) Trichlorofluoromethane	1.706	101	901889	162.68	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	523460	163.99	ug/L	97
12) 1,1-Dichloroethene	2.063	96	519835	171.00	ug/L	95
13) Acetone	2.105	43	490422	206.73	ug/L	96
14) Carbon disulfide	2.233	76	1618391	161.76	ug/L	100
15) Methyl Acetate	2.365	43	542267	176.61	ug/L	93
16) Methylene chloride	2.439	84	641724	174.94	ug/L	91
17) trans-1,2-Dichloroethene	2.686	96	580529	175.13	ug/L	96
18) Methyl tert-butyl Ether	2.696	73	1784758	186.41	ug/L	99
19) 1,1-Dichloroethane	3.101	63	1170708	192.56	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	670063	192.20	ug/L	92
22) 2-Butanone	3.850	43	670346	297.36	ug/L	98
23) Bromochloromethane	4.133	128	327768	172.97	ug/L	85
25) Chloroform	4.262	83	1169441	184.28	ug/L	99
27) 1,2-Dichloroethane	5.027	62	908959	196.35	ug/L	100
29) Cyclohexane	4.571	56	1077226	215.92	ug/L	94
30) 1,1,1-Trichloroethane	4.500	97	962292	163.99	ug/L	97
31) Carbon tetrachloride	4.725	117	820504	159.11	ug/L	99
33) Benzene	4.998	78	2555298	182.31	ug/L	100
34) Trichloroethene	5.821	95	634135	169.35	ug/L	96
35) Methylcyclohexane	6.040	83	1014309	188.63	ug/L	96
37) 1,2-Dichloropropane	6.082	63	715500	196.33	ug/L	98
38) Bromodichloromethane	6.419	83	899480	177.83	ug/L	100
39) cis-1,3-Dichloropropene	6.940	75	1148918	203.15	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	1450049	355.50	ug/L	96
42) Toluene	7.304	91	2754995	189.19	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	1083495	198.32	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	643267	170.12	ug/L	98
46) Tetrachloroethene	7.895	164	446384	154.41	ug/L	97
48) 2-Hexanone	8.062	43	1078970	317.04	ug/L	94
49) Dibromochloromethane	8.165	129	675034	173.08	ug/L	100
50) 1,2-Dibromoethane	8.271	107	665176	166.92	ug/L	100
51) Chlorobenzene	8.805	112	1766927	176.60	ug/L	98
52) Ethylbenzene	8.937	91	3137816	200.91	ug/L	100
53) m,p-Xylene	9.062	106	1171221	197.84	ug/L	99
54) o-Xylene	9.468	106	1168944	205.25	ug/L	99
55) Styrene	9.487	104	2076208	207.65	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	990349	168.61	ug/L	99
59) Bromoform	9.654	173	441014	154.07	ug/L	98
60) Isopropylbenzene	9.857	105	3156300	193.85	ug/L	99
61) 1,2,3-Trichloropropane	10.197	75	741311	159.93	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	2612488	199.97	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	2660688	207.16	ug/L	98
64) 1,3-Dichlorobenzene	11.107	146	1431673	171.30	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	1474261	165.93	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	1429123	167.72	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	192061	157.21	ug/L	89
69) 1,3,5-Trichlorobenzene	12.570	180	955073	167.54	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	882869	183.83	ug/L	99
71) Naphthalene	13.426	128	2587116	198.70	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	848312	180.04	ug/L	99

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

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Abundance

TIC: VV038716.D\data.ms

