

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV011725\
 Data File : VV038450.D
 Acq On : 17 Jan 2025 12:30
 Operator : SY/MD
 Sample : VSTD02027
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020227

Quant Time: Jan 18 00:20:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 00:13:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	254700	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	256162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	140444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	412870	20.829	ug/L	0.00
7) Chloroethane-d5	1.529	69	337377	20.939	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	182141	21.449	ug/L	0.00
20) 2-Butanone-d5	3.802	46	1112491	278.794	ug/L	0.00
24) Chloroform-d	4.233	84	789243	20.805	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.928	65	375823	21.904	ug/L	0.00
32) Benzene-d6	4.947	84	1551295	23.211	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.976	67	475983	22.968	ug/L	0.00
41) Toluene-d8	7.233	98	1433942	23.230	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	188470	24.572	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	907305	304.948	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	387131	22.467	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	508293	21.176	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	535771	21.166	ug/L	100
3) Chloromethane	1.211	50	529153	23.644	ug/L	100
5) Vinyl chloride	1.278	62	565429	22.700	ug/L	99
6) Bromomethane	1.484	94	298198	28.578	ug/L	96
8) Chloroethane	1.545	64	325260	20.954	ug/L	99
9) Trichlorofluoromethane	1.709	101	694666	20.107	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	403253	20.366	ug/L	99
12) 1,1-Dichloroethene	2.063	96	393258	20.866	ug/L	99
13) Acetone	2.156	43	689738	233.616	ug/L	99
14) Carbon disulfide	2.233	76	1377751	22.390	ug/L	99
15) Methyl Acetate	2.381	43	184461	25.202	ug/L	96
16) Methylene chloride	2.439	84	439956	20.754	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	997555	23.835	ug/L	99
18) trans-1,2-Dichloroethene	2.683	96	429502	21.886	ug/L	97
19) 1,1-Dichloroethane	3.101	63	804710	22.298	ug/L	100
21) 2-Butanone	3.880	43	1167378	270.547	ug/L	97
22) cis-1,2-Dichloroethene	3.799	96	471523	23.198	ug/L	98
23) Bromochloromethane	4.134	128	205433	20.914	ug/L	94
25) Chloroform	4.262	83	800213	21.168	ug/L	99
27) 1,2-Dichloroethane	5.027	62	487217	23.504	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	689406	22.002	ug/L	97
30) Cyclohexane	4.571	56	720237	26.606	ug/L	97
31) Carbon tetrachloride	4.722	117	600363	21.570	ug/L	99
33) Benzene	4.998	78	1754911	23.705	ug/L	100
34) Trichloroethene	5.822	95	451981	22.498	ug/L	95
35) Methylcyclohexane	6.040	83	746387	25.486	ug/L	99
37) 1,2-Dichloropropane	6.082	63	461036	24.782	ug/L	98
38) Bromodichloromethane	6.420	83	570363	23.023	ug/L	99
39) cis-1,3-Dichloropropene	6.941	75	703140	26.877	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	2739989	281.237	ug/L	98
42) Toluene	7.304	91	1890743	24.130	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	590351	26.862	ug/L	98

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45) 1,1,2-Trichloroethane	7.757	97	329610	22.342	ug/L	98
47) Tetrachloroethene	7.895	164	333226	20.747	ug/L	98
48) 2-Hexanone	8.066	43	2000250	279.799	ug/L	96
49) Dibromochloromethane	8.166	129	377239	23.129	ug/L	97
50) 1,2-Dibromoethane	8.272	107	313296	22.868	ug/L	99
51) Chlorobenzene	8.802	112	1201319	22.467	ug/L	99
52) Ethylbenzene	8.934	91	2116402	25.334	ug/L	99
53) m,p-Xylene	9.063	106	814776	25.992	ug/L	94
54) o-Xylene	9.468	106	795177	25.991	ug/L	97
55) Styrene	9.484	104	1382020	25.855	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	408088	23.664	ug/L	98
59) Bromoform	9.654	173	206909	24.338	ug/L	97
60) Isopropylbenzene	9.857	105	2120751	25.218	ug/L	99
61) 1,2,3-Trichloropropane	10.198	75	280673	23.002	ug/L	98
62) 1,3,5-Trimethylbenzene	10.464	105	1756267	26.384	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	1766479	26.466	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	976275	21.960	ug/L	99
65) 1,4-Dichlorobenzene	11.198	146	994202	22.100	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	920378	22.442	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	65708	23.932	ug/L	86
69) 1,3,5-Trichlorobenzene	12.571	180	694077	22.044	ug/L	98
70) 1,2,4-trichlorobenzene	13.188	180	606779	23.958	ug/L	98
71) Naphthalene	13.429	128	1022122	26.279	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	525750	22.655	ug/L	99

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

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