

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV011725\
 Data File : VV038448.D
 Acq On : 17 Jan 2025 11:42
 Operator : SY/MD
 Sample : VSTD00525
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005225

Quant Time: Jan 18 00:18:27 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	229294	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	240409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	126439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	98958	5.546	ug/L	0.00
7) Chloroethane-d5	1.532	69	82609	5.695	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	42301	5.533	ug/L	0.00
20) 2-Butanone-d5	3.802	46	185942	51.761	ug/L	0.00
24) Chloroform-d	4.236	84	182506	5.344	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	84561	5.474	ug/L	0.00
32) Benzene-d6	4.950	84	349720	5.576	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	105423	5.420	ug/L	0.00
41) Toluene-d8	7.233	98	329000	5.679	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	38912	5.406	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	139432	49.934	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	80333	4.968	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	108805	5.035	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	132890	5.832	ug/L	100
3) Chloromethane	1.214	50	131979	6.551	ug/L	100
5) Vinyl chloride	1.281	62	137209	6.119	ug/L	100
6) Bromomethane	1.487	94	64690	6.887	ug/L	100
8) Chloroethane	1.548	64	80575	5.766	ug/L	100
9) Trichlorofluoromethane	1.712	101	173937	5.593	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	101847	5.714	ug/L	100
12) 1,1-Dichloroethene	2.066	96	95323	5.618	ug/L	100
13) Acetone	2.140	43	139074	52.324	ug/L	100
14) Carbon disulfide	2.236	76	325077	5.868	ug/L	100
15) Methyl Acetate	2.384	43	35833	5.438	ug/L	100
16) Methylene chloride	2.442	84	103946	5.447	ug/L	100
17) Methyl tert-butyl Ether	2.696	73	193816	5.144	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	97963	5.545	ug/L	100
19) 1,1-Dichloroethane	3.101	63	187343	5.766	ug/L	100
21) 2-Butanone	3.879	43	201546	51.885	ug/L	100
22) cis-1,2-Dichloroethene	3.805	96	100194	5.476	ug/L	100
23) Bromochloromethane	4.140	128	47126	5.329	ug/L	100
25) Chloroform	4.265	83	185755	5.458	ug/L	100
27) 1,2-Dichloroethane	5.034	62	106042	5.682	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	158355	5.385	ug/L	100
30) Cyclohexane	4.571	56	149098	5.869	ug/L	100
31) Carbon tetrachloride	4.722	117	143738	5.503	ug/L	100
33) Benzene	4.998	78	402850	5.798	ug/L	100
34) Trichloroethene	5.825	95	101309	5.373	ug/L	100
35) Methylcyclohexane	6.040	83	157648	5.736	ug/L	100
37) 1,2-Dichloropropane	6.082	63	101772	5.829	ug/L	100
38) Bromodichloromethane	6.423	83	130313	5.605	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	136910	5.576	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	504310	55.155	ug/L	100
42) Toluene	7.307	91	430712	5.857	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	117495	5.696	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	71825	5.188	ug/L	100
47) Tetrachloroethene	7.895	164	79091	5.247	ug/L	100
48) 2-Hexanone	8.069	43	381665	56.886	ug/L	100
49) Dibromochloromethane	8.165	129	84362	5.511	ug/L	100
50) 1,2-Dibromoethane	8.275	107	67353	5.238	ug/L	100
51) Chlorobenzene	8.805	112	271789	5.416	ug/L	100
52) Ethylbenzene	8.937	91	440089	5.613	ug/L	100
53) m,p-Xylene	9.062	106	167547	5.695	ug/L	100
54) o-Xylene	9.468	106	160373	5.585	ug/L	100
55) Styrene	9.487	104	290400	5.789	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	83286	5.146	ug/L	100
59) Bromoform	9.657	173	43045	5.624	ug/L	100
60) Isopropylbenzene	9.857	105	433593	5.727	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	56741	5.165	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	331991	5.540	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	345566	5.751	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	216496	5.409	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	220710	5.449	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	197193	5.341	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	12579	5.089	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	144300	5.091	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	102153	4.480	ug/L	100
71) Naphthalene	13.432	128	128058	3.657	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	88959	4.258	ug/L	100

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

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