

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020625\
 Data File : VW038634.D
 Acq On : 06 Feb 2025 16:19
 Operator : SY/MD
 Sample : VSTD00531
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005231

Quant Time: Feb 11 11:49:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 11 11:28:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	174804	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	180673	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	96423	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	94458	6.22	ug/L	0.00
7) Chloroethane-d5	1.532	69	72241	5.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	39173	5.78	ug/L	0.00
20) 2-Butanone-d5	3.799	46	144144	47.39	ug/L	0.00
24) Chloroform-d	4.236	84	154197	5.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	67944	5.43	ug/L	0.00
32) Benzene-d6	4.950	84	299178	5.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	86376	5.60	ug/L	0.00
41) Toluene-d8	7.233	98	276068	6.02	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	30714	5.49	ug/L	0.00
46) 2-Hexanone-d5	8.017	63	102835	47.28	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	66164	5.41	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	87932	5.32	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	99106	5.08	ug/L	100
3) Chloromethane	1.214	50	97518	4.90	ug/L	100
5) Vinyl chloride	1.281	62	101659	5.05	ug/L	100
6) Bromomethane	1.487	94	42074	4.28	ug/L	100
8) Chloroethane	1.548	64	61230	5.05	ug/L	100
9) Trichlorofluoromethane	1.709	101	134943	5.22	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	75184	5.14	ug/L	100
12) 1,1-Dichloroethene	2.066	96	72595	5.01	ug/L	100
13) Acetone	2.130	43	99589	42.68	ug/L	100
14) Carbon disulfide	2.236	76	243709	5.02	ug/L	100
15) Methyl Acetate	2.384	43	25480	4.28	ug/L	100
16) Methylene chloride	2.442	84	79653	4.95	ug/L	100
17) Methyl tert-butyl Ether	2.696	73	138201	4.59	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	74747	5.01	ug/L	100
19) 1,1-Dichloroethane	3.101	63	142767	5.03	ug/L	100
21) 2-Butanone	3.876	43	138405	42.13	ug/L	100
22) cis-1,2-Dichloroethene	3.802	96	74839	4.96	ug/L	100
23) Bromochloromethane	4.137	128	35017	5.11	ug/L	100
25) Chloroform	4.265	83	143495	5.10	ug/L	100
27) 1,2-Dichloroethane	5.034	62	79414	5.11	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	124526	5.14	ug/L	100
30) Cyclohexane	4.571	56	106003	4.90	ug/L	100
31) Carbon tetrachloride	4.722	117	110497	5.18	ug/L	100
33) Benzene	4.998	78	301561	5.26	ug/L	100
34) Trichloroethene	5.825	95	73095	4.94	ug/L	100
35) Methylcyclohexane	6.037	83	106333	4.78	ug/L	100
37) 1,2-Dichloropropane	6.082	63	71758	4.91	ug/L	100
38) Bromodichloromethane	6.423	83	97258	5.07	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	97159	4.81	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	364085	47.87	ug/L	100
42) Toluene	7.304	91	325787	5.44	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	84174	4.91	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	54815	5.13	ug/L	100
47) Tetrachloroethene	7.895	164	56517	4.95	ug/L	100
48) 2-Hexanone	8.069	43	261935	48.05	ug/L	100
49) Dibromochloromethane	8.165	129	62058	5.08	ug/L	100
50) 1,2-Dibromoethane	8.275	107	48812	4.96	ug/L	100
51) Chlorobenzene	8.805	112	195092	4.89	ug/L	100
52) Ethylbenzene	8.937	91	326623	5.09	ug/L	100
53) m,p-Xylene	9.062	106	121140	5.01	ug/L	100
54) o-Xylene	9.468	106	115878	5.03	ug/L	100
55) Styrene	9.487	104	210289	5.23	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	64128	4.92	ug/L	100
59) Bromoform	9.657	173	29708	4.50	ug/L	100
60) Isopropylbenzene	9.857	105	318071	4.94	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	41631	4.53	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	234386	4.68	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	241119	4.84	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	154607	4.87	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	155979	4.76	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	140764	4.73	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	7944	4.30	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	93698	4.36	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	69596	4.32	ug/L	100
71) Naphthalene	13.435	128	93331	3.86	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	61912	4.43	ug/L	100

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

