

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060425\
 Data File : VV038748.D
 Acq On : 04 Jun 2025 15:57
 Operator : SY/MD
 Sample : VSTD00543
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 13 08:56:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 08:29:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	237940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	244098	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	132544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	170156	5.108	ug/L	0.00
7) Chloroethane-d5	1.542	69	120054	5.092	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	65	66723	4.946	ug/L	0.00
20) 2-Butanone-d5	3.789	46	221036	51.064	ug/L	0.00
24) Chloroform-d	4.252	84	252684	5.328	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	112477	5.205	ug/L	0.00
32) Benzene-d6	4.960	84	478490	5.449	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	143819	4.268	ug/L	0.00
41) Toluene-d8	7.236	98	436712	5.705	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	52941	5.365	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	177703	55.932	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	103275	5.202	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	128206	5.230	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.117	85	153471	4.827	ug/L	99
3) Chloromethane	1.224	50	173186	4.725	ug/L	98
5) Vinyl chloride	1.294	62	166959	4.806	ug/L	97
6) Bromomethane	1.497	94	80796	4.649	ug/L	98
8) Chloroethane	1.558	64	101671	4.834	ug/L	95
9) Trichlorofluoromethane	1.722	101	219728	4.853	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	125866	4.868	ug/L	99
12) 1,1-Dichloroethene	2.076	96	118602	4.881	ug/L #	77
13) Acetone	2.121	43	158570	47.912	ug/L	98
14) Carbon disulfide	2.249	76	399523	4.838	ug/L	100
15) Methyl Acetate	2.384	43	44714	5.070	ug/L	96
16) Methylene chloride	2.455	84	125196	VV060425.D Client Sample ID : MSVOA_V Instrument :		
17) Methyl tert-butyl Ether	2.709	73	215543			
18) trans-1,2-Dichloroethene	2.703	96	118757			
19) 1,1-Dichloroethane	3.117	63	233635	4.824	ug/L	98
21) 2-Butanone	3.870	43	220873	45.714	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	119172	4.880	ug/L	91
23) Bromochloromethane	4.153	128	53912	4.947	ug/L	91
25) Chloroform	4.278	83	236140	4.902	ug/L	98
27) 1,2-Dichloroethane	5.040	62	134288	5.017	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	201994	4.928	ug/L	99
30) Cyclohexane	4.584	56	188795	4.977	ug/L	98
31) Carbon tetrachloride	4.735	117	176094	4.872	ug/L	100
33) Benzene	5.008	78	495461	5.161	ug/L	100
34) Trichloroethene	5.831	95	123426	5.046	ug/L	98
35) Methylcyclohexane	6.047	83	191520	4.953	ug/L	99
37) 1,2-Dichloropropane	6.088	63	135551	5.311	ug/L	99
38) Bromodichloromethane	6.429	83	160648	4.856	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	167510	4.996	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	630499	54.461	ug/L	97
42) Toluene	7.310	91	523757	5.380	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	144744	5.116	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	90414	5.030	ug/L	97
47) Tetrachloroethene	7.899	164	94707	5.008	ug/L	96
48) 2-Hexanone	8.066	43	452833	57.717	ug/L	95
49) Dibromochloromethane	8.169	129	100039	5.020	ug/L	98
50) 1,2-Dibromoethane	8.275	107	77438	4.957	ug/L #	91
51) Chlorobenzene	8.805	112	313619	4.968	ug/L	99
52) Ethylbenzene	8.940	91	505639	5.084	ug/L	99
53) m,p-Xylene	9.066	106	197842	5.259	ug/L	95
54) o-Xylene	9.471	106	182601	5.126	ug/L	100
55) Styrene	9.487	104	338349	5.548	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	102847	4.996	ug/L	99
59) Bromoform	9.657	173	50168	4.834	ug/L	100
60) Isopropylbenzene	9.857	105	497818	5.065	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	70426	5.000	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	366261	4.848	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	379270	5.017	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	244448	5.160	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	247722	4.982	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	219494	5.051	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.355	75	13960	4.641	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	149818	4.878	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	111340	4.609	ug/L	99
71) Naphthalene	13.429	128	179140	4.594	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	106757	4.824	ug/L	100

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

VSTD00543
 Client Sample :
 MSVOA_V
 Instrument :

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Instrument :
MSVOA_V
ClientSampleId :
VSTD005243

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