

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060425\
 Data File : VV038750.D
 Acq On : 04 Jun 2025 16:40
 Operator : SY/MD
 Sample : VSTD02045
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02045

Quant Time: Jun 13 08:23:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 01:47:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	258706	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	263204	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	155010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	685727	18.931	ug/L	0.00
7) Chloroethane-d5	1.539	69	481539	18.785	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	65	273614	18.654	ug/L	0.00
20) 2-Butanone-d5	3.780	46	1096556	232.994	ug/L	0.00
24) Chloroform-d	4.249	84	1030333	19.982	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	475215	20.226	ug/L	0.00
32) Benzene-d6	4.960	84	2064017	21.800	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	626068	17.230	ug/L	0.00
41) Toluene-d8	7.236	98	1887294	22.864	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	241407	22.688	ug/L	0.00
46) 2-Hexanone-d5	8.011	63	959935	280.206	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	438433	20.482	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	584351	20.384	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.118	85	645113	18.663	ug/L	99
3) Chloromethane	1.224	50	709670	17.807	ug/L	98
5) Vinyl chloride	1.294	62	706633	18.710	ug/L	95
6) Bromomethane	1.491	94	341510	18.074	ug/L	98
8) Chloroethane	1.555	64	408136	17.848	ug/L	95
9) Trichlorofluoromethane	1.722	101	902651	18.336	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	528541	18.801	ug/L	98
12) 1,1-Dichloroethene	2.079	96	492976	18.660	ug/L	89
13) Acetone	2.121	43	697212	193.755	ug/L	95
14) Carbon disulfide	2.249	76	1676041	18.665	ug/L	99
15) Methyl Acetate	2.381	43	198918	20.743	ug/L	99
16) Methylene chloride	2.455	84	523593	17.632	ug/L	93
17) Methyl tert-butyl Ether	2.709	73	1098162	22.779	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	528229	20.029	ug/L	92
19) 1,1-Dichloroethane	3.117	63	1022612	19.420	ug/L	99
21) 2-Butanone	3.863	43	1188491	226.236	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	581155	21.885	ug/L	92
23) Bromochloromethane	4.150	128	237989	20.085	ug/L	94
25) Chloroform	4.275	83	1000178	19.095	ug/L	97
27) 1,2-Dichloroethane	5.040	62	592009	20.342	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	868669	19.655	ug/L	99
30) Cyclohexane	4.584	56	990674	24.222	ug/L	96
31) Carbon tetrachloride	4.735	117	761032	19.528	ug/L	100
33) Benzene	5.008	78	2202115	21.275	ug/L	100
34) Trichloroethene	5.828	95	557819	21.151	ug/L	97
35) Methylcyclohexane	6.047	83	994396	23.849	ug/L	98
37) 1,2-Dichloropropane	6.088	63	587742	21.355	ug/L	98
38) Bromodichloromethane	6.426	83	705311	19.773	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	884487	24.464	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	3085592	247.179	ug/L	100
42) Toluene	7.307	91	2380006	22.674	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	715104	23.443	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	384829	19.856	ug/L	97
47) Tetrachloroethene	7.899	164	412231	20.214	ug/L	95
48) 2-Hexanone	8.063	43	2139399	252.890	ug/L	97
49) Dibromochloromethane	8.169	129	443768	20.650	ug/L	98
50) 1,2-Dibromoethane	8.275	107	350011	20.779	ug/L	94
51) Chlorobenzene	8.805	112	1466526	21.546	ug/L	100
52) Ethylbenzene	8.937	91	2638258	24.602	ug/L	99
53) m,p-Xylene	9.063	106	1004069	24.754	ug/L	97
54) o-Xylene	9.468	106	958776	24.963	ug/L	98
55) Styrene	9.487	104	1680825	25.559	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	452130	20.369	ug/L	98
59) Bromoform	9.654	173	231945	19.108	ug/L	99
60) Isopropylbenzene	9.857	105	2641716	22.983	ug/L	100
61) 1,2,3-Trichloropropane	10.198	75	310522	18.851	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	2132140	24.130	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	2123242	24.015	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	1144879	20.665	ug/L	99
65) 1,4-Dichlorobenzene	11.198	146	1166495	20.059	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	1042334	20.508	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	66755	18.975	ug/L	94
69) 1,3,5-Trichlorobenzene	12.570	180	738533	20.563	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	626380	22.172	ug/L	99
71) Naphthalene	13.426	128	1161636	25.474	ug/L	97
72) 1,2,3-Trichlorobenzene	13.667	180	575971	22.254	ug/L	99

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

