

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060525\
 Data File : VV038756.D
 Acq On : 05 Jun 2025 13:39
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

Quant Time: Jun 13 10:32:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 10:19:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	225938	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	236934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	128589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	135758	4.292	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	85.800%		
7) Chloroethane-d5	1.539	69	104962	4.688	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	93.800%		
11) 1,1-Dichloroethene-d2	2.066	65	54743	4.273	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	85.400%		
20) 2-Butanone-d5	3.789	46	216341	53.178	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	106.360%		
24) Chloroform-d	4.249	84	218925	4.862	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.200%		
26) 1,2-Dichloroethane-d4	4.944	65	99910	4.869	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	97.400%		
32) Benzene-d6	4.960	84	404298	4.744	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.800%		
36) 1,2-Dichloropropane-d6	5.985	67	123723	4.668	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	93.400%		
41) Toluene-d8	7.236	98	351496	4.730	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.600%		
43) trans-1,3-Dichloroprop...	7.551	79	45448	4.947	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	99.000%		
46) 2-Hexanone-d5	8.014	63	168636	54.594	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	109.180%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	95122	4.936	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	98.800%		
66) 1,2-Dichlorobenzene-d4	11.551	152	111977	4.709	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	94.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	144139	4.775	ug/L	98
3) Chloromethane	1.224	50	152048	4.369	ug/L	99
5) Vinyl chloride	1.291	62	157730	4.782	ug/L	97
6) Bromomethane	1.494	94	77367	4.688	ug/L	98
8) Chloroethane	1.558	64	95203	4.767	ug/L	95
9) Trichlorofluoromethane	1.722	101	207091	4.817	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	121658	4.955	ug/L	97
12) 1,1-Dichloroethene	2.076	96	107788	4.672	ug/L	84
13) Acetone	2.121	43	163058	51.886	ug/L	96
14) Carbon disulfide	2.246	76	363266	4.632	ug/L	99
15) Methyl Acetate	2.384	43	42804	4.973	ug/L	94
16) Methylene chloride	2.452	84	122507	4.724	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	207877	4.937	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	112337	4.877	ug/L	98
19) 1,1-Dichloroethane	3.114	63	225684	4.907	ug/L	99
21) 2-Butanone	3.870	43	234102	51.875	ug/L	89
22) cis-1,2-Dichloroethene	3.818	96	112040	4.893	ug/L	93
23) Bromochloromethane	4.149	128	51739	5.008	ug/L	93
25) Chloroform	4.275	83	224051	4.898	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	132837	5.184	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	189955	4.775	ug/L	98
30) Cyclohexane	4.583	56	176353	4.790	ug/L	93
31) Carbon tetrachloride	4.731	117	164189	4.680	ug/L	97
33) Benzene	5.008	78	460317	4.940	ug/L	100
34) Trichloroethene	5.831	95	113410	4.777	ug/L	98
35) Methylcyclohexane	6.046	83	175758	4.683	ug/L	98
37) 1,2-Dichloropropane	6.088	63	125693	5.101	ug/L	98
38) Bromodichloromethane	6.429	83	153905	4.793	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	158192	4.851	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	622001	55.351	ug/L	97
42) Toluene	7.310	91	489756	5.183	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	133732	4.870	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	84839	4.863	ug/L	95
47) Tetrachloroethene	7.898	164	90209	4.914	ug/L	98
48) 2-Hexanone	8.066	43	456958	58.920	ug/L	94
49) Dibromochloromethane	8.169	129	97964	5.064	ug/L	99
50) 1,2-Dibromoethane	8.275	107	76047	5.015	ug/L	94
51) Chlorobenzene	8.805	112	296080	4.832	ug/L	98
52) Ethylbenzene	8.937	91	470338	4.872	ug/L	99
53) m,p-Xylene	9.066	106	187917	5.147	ug/L	98
54) o-Xylene	9.471	106	169369	4.899	ug/L	99
55) Styrene	9.487	104	318956	5.388	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.168	83	96431	4.826	ug/L	98
59) Bromoform	9.657	173	48093	4.776	ug/L	98
60) Isopropylbenzene	9.860	105	464673	4.873	ug/L	98
61) 1,2,3-Trichloropropane	10.201	75	66331	4.854	ug/L	99
62) 1,3,5-Trimethylbenzene	10.467	105	340240	4.642	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	348878	4.757	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	230160	5.008	ug/L	97
65) 1,4-Dichlorobenzene	11.201	146	232234	4.814	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	208781	4.952	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	14234	4.877	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	140258	4.708	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	109922	4.690	ug/L	98
71) Naphthalene	13.429	128	175069	4.628	ug/L	97
72) 1,2,3-Trichlorobenzene	13.670	180	102166	4.759	ug/L	9

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

