

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060525\
 Data File : VV038753.D
 Acq On : 05 Jun 2025 10:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

Quant Time: Jun 13 10:19:19 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	5.532	114	236169	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	246405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	134955	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	151459	4.580	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.600%	
7) Chloroethane-d5	1.542	69	114917	4.911	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.066	65	60415	4.512	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.200%	
20) 2-Butanone-d5	3.802	46	216136	50.826	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.660%	
24) Chloroform-d	4.249	84	237428	5.044	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	4.944	65	108107	5.040	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
32) Benzene-d6	4.960	84	433163	4.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	5.986	67	135420	4.913	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.236	98	380693	4.926	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
43) trans-1,3-Dichloroprop...	7.548	79	50626	5.299	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	106.000%	
46) 2-Hexanone-d5	8.018	63	171900	53.511	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.020%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	100616	5.021	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	11.548	152	118201	4.736	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	138941	4.403	ug/L	98
3) Chloromethane	1.224	50	154625	4.250	ug/L	100
5) Vinyl chloride	1.291	62	152444	4.421	ug/L	94
6) Bromomethane	1.497	94	77301	4.482	ug/L	100
8) Chloroethane	1.558	64	92543	4.433	ug/L	99
9) Trichlorofluoromethane	1.722	101	198291	4.412	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	116578	4.543	ug/L	97
12) 1,1-Dichloroethene	2.079	96	106255	4.406	ug/L	88
13) Acetone	2.140	43	137169	41.757	ug/L	94
14) Carbon disulfide	2.246	76	353752	4.315	ug/L	99
15) Methyl Acetate	2.394	43	39526	4.393	ug/L	99
16) Methylene chloride	2.452	84	114574	4.226	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	206792	4.699	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	108549	4.509	ug/L	92
19) 1,1-Dichloroethane	3.118	63	215377	4.480	ug/L	98
21) 2-Butanone	3.889	43	203224	43.082	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	108520	4.534	ug/L	96
23) Bromochloromethane	4.153	128	50200	4.648	ug/L	88
25) Chloroform	4.278	83	216999	4.538	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.044	62	124160	4.636	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	185473	4.483	ug/L	99
30) Cyclohexane	4.584	56	174999	4.570	ug/L	94
31) Carbon tetrachloride	4.732	117	159853	4.382	ug/L	99
33) Benzene	5.008	78	451422	4.659	ug/L	100
34) Trichloroethene	5.831	95	110304	4.467	ug/L	95
35) Methylcyclohexane	6.047	83	174225	4.463	ug/L	99
37) 1,2-Dichloropropane	6.088	63	120510	4.703	ug/L #	94
38) Bromodichloromethane	6.429	83	150116	4.495	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	154358	4.552	ug/L	95
40) 4-Methyl-2-pentanone	7.150	43	571333	48.888	ug/L	97
42) Toluene	7.307	91	476324	4.847	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	132674	4.646	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	79792	4.398	ug/L	96
47) Tetrachloroethene	7.896	164	84853	4.445	ug/L	96
48) 2-Hexanone	8.066	43	411174	50.979	ug/L	93
49) Dibromochloromethane	8.169	129	91249	4.536	ug/L	98
50) 1,2-Dibromoethane	8.275	107	70788	4.489	ug/L	96
51) Chlorobenzene	8.805	112	287805	4.517	ug/L	98
52) Ethylbenzene	8.937	91	460044	4.583	ug/L	98
53) m,p-Xylene	9.066	106	178518	4.701	ug/L	93
54) o-Xylene	9.468	106	164177	4.566	ug/L	99
55) Styrene	9.487	104	299786	4.869	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	94535	4.549	ug/L	94
59) Bromoform	9.658	173	46460	4.396	ug/L	97
60) Isopropylbenzene	9.857	105	453460	4.531	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	61614	4.296	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	328918	4.276	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	334475	4.345	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	218060	4.521	ug/L	98
65) 1,4-Dichlorobenzene	11.198	146	224404	4.432	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	196327	4.437	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	12762	4.167	ug/L	94
69) 1,3,5-Trichlorobenzene	12.571	180	133873	4.281	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	104491	4.248	ug/L	99
71) Naphthalene	13.429	128	166060	4.183	ug/L	97
72) 1,2,3-Trichlorobenzene	13.670	180	97215	4.314	ug/L	99

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

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