

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039412.D
 Acq On : 19 Nov 2025 14:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005360

Quant Time: Nov 20 03:54:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:43:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	329320	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	364044	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	256714	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	207422	4.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.545	69	182418	4.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.069	65	94112	4.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.786	46	370019	50.303	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.600%
24) Chloroform-d	4.246	84	468212	4.763	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.940	65	209294	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	4.957	84	866528	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	5.979	67	258104	4.945	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.233	98	821692	5.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.548	79	91111	4.892	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.011	63	286646	51.156	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.320%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	172939	4.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.548	152	271753	5.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	172184	4.851	ug/L	97
3) Chloromethane	1.230	50	121181	4.619	ug/L	99
5) Vinyl chloride	1.298	62	147524	4.824	ug/L	99
6) Bromomethane	1.500	94	82315	4.666	ug/L	98
8) Chloroethane	1.561	64	108747	4.853	ug/L	99
9) Trichlorofluoromethane	1.725	101	288412	4.836	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	180003	4.589	ug/L	95
12) 1,1-Dichloroethene	2.082	96	131424	4.689	ug/L	98
13) Acetone	2.117	43	266476	48.293	ug/L	100
14) Carbon disulfide	2.252	76	214394	4.615	ug/L	98
15) Methyl Acetate	2.387	43	58813	4.843	ug/L	97
16) Methylene chloride	2.455	84	243062	5.993	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	331220	4.913	ug/L	99
18) trans-1,2-Dichloroethene	2.706	96	142315	4.785	ug/L	96
19) 1,1-Dichloroethane	3.117	63	356783	4.803	ug/L	99
21) 2-Butanone	3.863	43	358459	47.912	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	181362	5.004	ug/L	94
23) Bromochloromethane	4.153	128	83024	5.039	ug/L	97
25) Chloroform	4.275	83	397718	4.902	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	201051	4.886	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	329024	4.852	ug/L	99
30) Cyclohexane	4.580	56	190150	4.916	ug/L	94
31) Carbon tetrachloride	4.731	117	290743	4.869	ug/L	99
33) Benzene	5.008	78	700197	5.233	ug/L	100
34) Trichloroethene	5.828	95	179284	4.886	ug/L	96
35) Methylcyclohexane	6.043	83	196635	4.774	ug/L	95
37) 1,2-Dichloropropane	6.085	63	199063	5.020	ug/L	99
38) Bromodichloromethane	6.426	83	270492	4.912	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	255632	5.078	ug/L	98
40) 4-Methyl-2-pentanone	7.143	43	964370	54.754	ug/L	99
42) Toluene	7.307	91	768168	5.368	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	221904	4.953	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	144068	4.956	ug/L	96
47) Tetrachloroethene	7.895	164	161811	4.911	ug/L	94
48) 2-Hexanone	8.063	43	710406	54.310	ug/L	97
49) Dibromochloromethane	8.165	129	177718	4.829	ug/L	98
50) 1,2-Dibromoethane	8.275	107	123225	5.058	ug/L	95
51) Chlorobenzene	8.802	112	522198	5.056	ug/L	100
52) Ethylbenzene	8.934	91	797777	5.148	ug/L	98
53) m,p-Xylene	9.062	106	314204	5.279	ug/L	100
54) o-Xylene	9.468	106	292977	5.096	ug/L	98
55) Styrene	9.484	104	555653	5.457	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.165	83	165306	4.775	ug/L	98
59) Bromoform	9.654	173	106637	4.631	ug/L	98
60) Isopropylbenzene	9.853	105	839524	5.086	ug/L	99
61) 1,2,3-Trichloropropane	10.197	75	109292	4.752	ug/L	98
62) 1,3,5-Trimethylbenzene	10.464	105	612213	4.832	ug/L	98
63) 1,2,4-Trimethylbenzene	10.837	105	633004	5.038	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	457642	5.044	ug/L	99
65) 1,4-Dichlorobenzene	11.194	146	476975	5.097	ug/L	98
67) 1,2-Dichlorobenzene	11.564	146	410509	4.988	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	22299	4.139	ug/L	94
69) 1,3,5-Trichlorobenzene	12.567	180	335141	4.902	ug/L	99
70) 1,2,4-trichlorobenzene	13.184	180	247044	4.744	ug/L	98
71) Naphthalene	13.426	128	302327	4.710	ug/L	99
72) 1,2,3-Trichlorobenzene	13.667	180	223475	4.803	ug/L	99

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

