

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV061225\
 Data File : VV038794.D
 Acq On : 12 Jun 2025 17:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

Quant Time: Jun 13 12:40:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 10:50:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	219041	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	229585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	129805	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	102941	3.357	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.539	69	84932	3.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.066	65	43592	3.510	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.793	46	214702	54.436	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.880%
24) Chloroform-d	4.252	84	203606	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.944	65	91588	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	4.963	84	351387	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.989	67	112018	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.239	98	306432	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.555	79	39379	4.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.018	63	171803	57.399	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.800%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	93717	5.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	103308	4.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	135976	4.646	ug/L	99
3) Chloromethane	1.224	50	138930	4.117	ug/L	97
5) Vinyl chloride	1.291	62	156533	4.895	ug/L	93
6) Bromomethane	1.494	94	85140	5.322	ug/L	98
8) Chloroethane	1.558	64	95588	4.937	ug/L	98
9) Trichlorofluoromethane	1.722	101	208382	5.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	122796	5.159	ug/L	99
12) 1,1-Dichloroethene	2.079	96	108167	4.836	ug/L	96
13) Acetone	2.117	43	175006	57.441	ug/L	96
14) Carbon disulfide	2.249	76	351055	4.617	ug/L	100
15) Methyl Acetate	2.384	43	42031	5.037	ug/L	94
16) Methylene chloride	2.455	84	125043	4.973	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	204709	5.015	ug/L	96
18) trans-1,2-Dichloroethene	2.703	96	107750	4.826	ug/L	92
19) 1,1-Dichloroethane	3.117	63	227779	5.109	ug/L	98
21) 2-Butanone	3.870	43	237656	54.320	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	113752	5.124	ug/L	94
23) Bromochloromethane	4.156	128	54441	5.435	ug/L	91
25) Chloroform	4.278	83	231318	5.216	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	131719	5.302	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	193319	5.015	ug/L	98
30) Cyclohexane	4.584	56	173019	4.850	ug/L	95
31) Carbon tetrachloride	4.735	117	169419	4.984	ug/L	99
33) Benzene	5.011	78	472229	5.230	ug/L	100
34) Trichloroethene	5.834	95	116656	5.071	ug/L	96
35) Methylcyclohexane	6.047	83	168440	4.631	ug/L	97
37) 1,2-Dichloropropane	6.092	63	129263	5.414	ug/L	99
38) Bromodichloromethane	6.432	83	157480	5.061	ug/L	96
39) cis-1,3-Dichloropropene	6.950	75	157961	4.999	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	649104	59.612	ug/L	97
42) Toluene	7.310	91	504267	5.508	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	141303	5.311	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	86932	5.142	ug/L	97
47) Tetrachloroethene	7.899	164	90424	5.083	ug/L	97
48) 2-Hexanone	8.066	43	470804	62.648	ug/L	95
49) Dibromochloromethane	8.172	129	101045	5.391	ug/L	100
50) 1,2-Dibromoethane	8.278	107	77903	5.302	ug/L	94
51) Chlorobenzene	8.808	112	308244	5.192	ug/L	98
52) Ethylbenzene	8.940	91	496635	5.309	ug/L	100
53) m,p-Xylene	9.066	106	189148	5.346	ug/L	98
54) o-Xylene	9.471	106	177275	5.291	ug/L	99
55) Styrene	9.490	104	335751	5.853	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	105417	5.445	ug/L	96
59) Bromoform	9.661	173	52232	5.139	ug/L	98
60) Isopropylbenzene	9.860	105	488939	5.080	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	70624	5.120	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	359459	4.858	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	364250	4.920	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	243077	5.239	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	247600	5.084	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	218125	5.125	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	14536	4.934	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	146712	4.878	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	115514	4.883	ug/L	99
71) Naphthalene	13.429	128	185546	4.859	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	108664	5.014	ug/L	9

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

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