

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039404.D
 Acq On : 19 Nov 2025 09:53
 Operator : SY/MD
 Sample : VSTD0.560
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5260

Quant Time: Nov 20 03:22:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:21:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	246466	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	271666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	161039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	16060	0.474	ug/L	0.00
7) Chloroethane-d5	1.545	69	14630	0.586	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.072	65	7298	0.514	ug/L	0.00
20) 2-Butanone-d5	3.879	46	24555m	5.366	ug/L	0.09
24) Chloroform-d	4.259	84	34734	0.657	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.966	65	16902	0.706	ug/L	0.02
32) Benzene-d6	4.973	84	50282	0.494	ug/L	0.01
36) 1,2-Dichloropropane-d6	5.998	67	17348m	0.466	ug/L	0.01
41) Toluene-d8	7.243	98	42544	0.471	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.577	79	5674m	0.499	ug/L	0.03
46) 2-Hexanone-d5	8.040	63	15274m	4.323	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.146	84	11405	0.502	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	15284	0.510	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	14033	0.444	ug/L	99
3) Chloromethane	1.227	50	11004	0.320	ug/L	95
5) Vinyl chloride	1.298	62	12179	0.365	ug/L #	71
6) Bromomethane	1.500	94	6953	0.405	ug/L	91
8) Chloroethane	1.561	64	9080	0.440	ug/L	99
9) Trichlorofluoromethane	1.725	101	24231	0.523	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	16053	0.591	ug/L #	92
12) 1,1-Dichloroethene	2.085	96	11351	0.470	ug/L	84
13) Acetone	2.127	43	20504	5.755	ug/L	81
14) Carbon disulfide	2.253	76	20699	0.274	ug/L #	89
15) Methyl Acetate	2.404	43	4839m	0.532	ug/L	
16) Methylene chloride	2.458	84	18683	0.663	ug/L	88
17) Methyl tert-butyl Ether	2.709	73	23759	0.511	ug/L	95
18) trans-1,2-Dichloroethene	2.712	96	11969	0.491	ug/L	97
19) 1,1-Dichloroethane	3.124	63	29039	0.568	ug/L	97
21) 2-Butanone	3.963	43	26269m	5.117	ug/L	
22) cis-1,2-Dichloroethene	3.838	96	12003	0.472	ug/L	91
23) Bromochloromethane	4.175	128	6038	0.525	ug/L	93
25) Chloroform	4.285	83	31409	0.605	ug/L	93
27) 1,2-Dichloroethane	5.059	62	16301	0.580	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	27721	0.601	ug/L	96
30) Cyclohexane	4.580	56	13768m	0.353	ug/L	
31) Carbon tetrachloride	4.738	117	22802	0.558	ug/L	96
33) Benzene	5.021	78	42447	0.404	ug/L	100
34) Trichloroethene	5.847	95	12980	0.484	ug/L	92
35) Methylcyclohexane	6.050	83	13253	0.329	ug/L	94
37) 1,2-Dichloropropane	6.101	63	13617	0.483	ug/L #	94
38) Bromodichloromethane	6.439	83	21016	0.560	ug/L #	94
39) cis-1,3-Dichloropropene	6.966	75	15877	0.429	ug/L	85
40) 4-Methyl-2-pentanone	7.159	43	44807	3.498	ug/L	94
42) Toluene	7.320	91	42422	0.396	ug/L	97
44) trans-1,3-Dichloropropene	7.596	75	14825m	0.473	ug/L	

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45) 1,1,2-Trichloroethane	7.773	97	10869	0.537	ug/L	87
47) Tetrachloroethene	7.899	164	13432	0.627	ug/L	95
48) 2-Hexanone	8.082	43	38784m	4.436	ug/L	
49) Dibromochloromethane	8.169	129	14420	0.629	ug/L	89
50) 1,2-Dibromoethane	8.288	107	8749	0.499	ug/L #	89
51) Chlorobenzene	8.812	112	35846	0.504	ug/L	98
52) Ethylbenzene	8.944	91	43581	0.393	ug/L	97
53) m,p-Xylene	9.072	106	16564	0.394	ug/L	98
54) o-Xylene	9.474	106	16490	0.414	ug/L	100
55) Styrene	9.500	104	27536	0.401	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	14449	0.623	ug/L	95
59) Bromoform	9.664	173	8425	0.663	ug/L #	95
60) Isopropylbenzene	9.860	105	45241	0.395	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	8079	0.496	ug/L	95
62) 1,3,5-Trimethylbenzene	10.468	105	34556	0.393	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	33063	0.376	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	27027	0.477	ug/L	86
65) 1,4-Dichlorobenzene	11.201	146	28008	0.470	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	25102	0.484	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.358	75	2204m	0.624	ug/L	
69) 1,3,5-Trichlorobenzene	12.577	180	21845	0.580	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	16028	0.540	ug/L	97
71) Naphthalene	13.439	128	16715	0.367	ug/L #	85
72) 1,2,3-Trichlorobenzene	13.673	180	14165	0.527	ug/L	98

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

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