

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039090.D
 Acq On : 15 Sep 2025 19:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005355

Quant Time: Sep 16 02:27:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 02:04:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	459576	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	459718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	228696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	157228	4.338	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.545	69	138324	4.404	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.072	65	70438	4.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.793	46	261250	48.527	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.060%
24) Chloroform-d	4.256	84	323852	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.947	65	135093	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	4.963	84	594789	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.989	67	172837	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.236	98	555752	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.551	79	63771	4.637	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.014	63	220957	49.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.260%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	129339	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.548	152	166712	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	232485	4.824	ug/L	100
3) Chloromethane	1.227	50	227565	4.809	ug/L	97
5) Vinyl chloride	1.294	62	245860	4.886	ug/L	98
6) Bromomethane	1.497	94	120235	4.189	ug/L	98
8) Chloroethane	1.561	64	155465	4.958	ug/L	99
9) Trichlorofluoromethane	1.725	101	325834	4.806	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	192329	4.605	ug/L	97
12) 1,1-Dichloroethene	2.082	96	176949	4.689	ug/L	97
13) Acetone	2.121	43	234376	51.752	ug/L	97
14) Carbon disulfide	2.253	76	614139	4.757	ug/L	99
15) Methyl Acetate	2.391	43	58623	5.155	ug/L	99
16) Methylene chloride	2.458	84	211882	4.989	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	327376	5.046	ug/L	99
18) trans-1,2-Dichloroethene	2.706	96	187684	4.886	ug/L	96
19) 1,1-Dichloroethane	3.121	63	356570	5.061	ug/L	97
21) 2-Butanone	3.870	43	306135	50.961	ug/L	99
22) cis-1,2-Dichloroethene	3.822	96	192480	5.134	ug/L	98
23) Bromochloromethane	4.153	128	85305	4.975	ug/L	98
25) Chloroform	4.281	83	362423	4.965	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	194470	5.192	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	329707	5.208	ug/L	100
30) Cyclohexane	4.587	56	288935	5.147	ug/L	100
31) Carbon tetrachloride	4.738	117	287145	5.005	ug/L	100
33) Benzene	5.011	78	768065	5.308	ug/L	100
34) Trichloroethene	5.834	95	201937	5.177	ug/L	99
35) Methylcyclohexane	6.050	83	305092	4.999	ug/L	99
37) 1,2-Dichloropropane	6.092	63	199842	5.325	ug/L	98
38) Bromodichloromethane	6.429	83	248336	5.090	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	253206	5.086	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	835564	56.194	ug/L	99
42) Toluene	7.310	91	836484	5.546	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	210590	5.205	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	133413	5.177	ug/L	98
47) Tetrachloroethene	7.899	164	151491	4.968	ug/L	94
48) 2-Hexanone	8.066	43	581051	56.213	ug/L	98
49) Dibromochloromethane	8.169	129	155257	5.147	ug/L	99
50) 1,2-Dibromoethane	8.275	107	121531	5.256	ug/L	98
51) Chlorobenzene	8.805	112	507604	5.215	ug/L	98
52) Ethylbenzene	8.937	91	833679	5.366	ug/L	98
53) m,p-Xylene	9.066	106	336012	5.560	ug/L	97
54) o-Xylene	9.468	106	301258	5.433	ug/L	100
55) Styrene	9.487	104	547878	5.593	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	150917	5.254	ug/L	97
59) Bromoform	9.657	173	79862	4.922	ug/L	98
60) Isopropylbenzene	9.857	105	817738	5.346	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	99721	5.176	ug/L	98
62) 1,3,5-Trimethylbenzene	10.464	105	604810	5.150	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	611071	5.297	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	393112	5.267	ug/L	99
65) 1,4-Dichlorobenzene	11.197	146	404646	5.240	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	338908	5.124	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	21609	5.149	ug/L	93
69) 1,3,5-Trichlorobenzene	12.570	180	240867	4.924	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	177641	4.824	ug/L	97
71) Naphthalene	13.426	128	275909	4.916	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	166055	5.057	ug/L	100

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

