

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060425\
 Data File : VV038751.D
 Acq On : 04 Jun 2025 17:24
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV246

Quant Time: Jun 13 09:32:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 08:57:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	262557	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	265760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	143442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	162014	4.407	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.542	69	120266	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.069	65	65553	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	3.796	46	225087	47.611	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.220%
24) Chloroform-d	4.256	84	245913	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.947	65	110798	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.963	84	470576	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	5.989	67	143300	4.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.240	98	432868	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	7.551	79	55129	5.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.018	63	183499	52.962	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.920%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	99738	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	125099	4.716	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	159990	4.560	ug/L	99
3) Chloromethane	1.224	50	181344	4.484	ug/L	97
5) Vinyl chloride	1.294	62	176837	4.613	ug/L	94
6) Bromomethane	1.497	94	89169	4.650	ug/L	99
8) Chloroethane	1.558	64	105292	4.537	ug/L	97
9) Trichlorofluoromethane	1.725	101	227904	4.562	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	136553	4.786	ug/L	98
12) 1,1-Dichloroethene	2.079	96	123697	4.614	ug/L	83
13) Acetone	2.121	43	169792	46.493	ug/L	99
14) Carbon disulfide	2.249	76	422049	4.631	ug/L	100
15) Methyl Acetate	2.388	43	43101	4.309	ug/L	97
16) Methylene chloride	2.455	84	132714	4.404	ug/L	93
17) Methyl tert-butyl Ether	2.712	73	238725	4.879	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	124615	4.656	ug/L	92
19) 1,1-Dichloroethane	3.121	63	251654	4.709	ug/L	98
21) 2-Butanone	3.873	43	256312	48.875	ug/L	95
22) cis-1,2-Dichloroethene	3.822	96	130097	4.889	ug/L	94
23) Bromochloromethane	4.153	128	56454	4.702	ug/L	92
25) Chloroform	4.281	83	250057	4.704	ug/L	96

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27) 1,2-Dichloroethane	5.047	62	147363	4.949	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	214754	4.812	ug/L	99
30) Cyclohexane	4.587	56	208869	5.058	ug/L	97
31) Carbon tetrachloride	4.738	117	190853	4.850	ug/L	97
33) Benzene	5.011	78	530959	5.080	ug/L	100
34) Trichloroethene	5.834	95	133838	5.026	ug/L	95
35) Methylcyclohexane	6.050	83	210412	4.998	ug/L	98
37) 1,2-Dichloropropane	6.092	63	139310	5.040	ug/L	98
38) Bromodichloromethane	6.432	83	172763	4.797	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	184806	5.053	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	678814	53.855	ug/L	98
42) Toluene	7.310	91	558880	5.273	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	155311	5.042	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	92906	4.748	ug/L	99
47) Tetrachloroethene	7.899	164	100381	4.875	ug/L	96
48) 2-Hexanone	8.066	43	493061	56.679	ug/L	95
49) Dibromochloromethane	8.172	129	107265	4.943	ug/L	97
50) 1,2-Dibromoethane	8.278	107	84107	4.945	ug/L #	95
51) Chlorobenzene	8.809	112	344152	5.008	ug/L	99
52) Ethylbenzene	8.940	91	557341	5.147	ug/L	100
53) m,p-Xylene	9.066	106	216144	5.278	ug/L	96
54) o-Xylene	9.471	106	199232	5.137	ug/L	99
55) Styrene	9.490	104	367874	5.540	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	107995	4.818	ug/L	97
59) Bromoform	9.657	173	54154	4.821	ug/L	97
60) Isopropylbenzene	9.860	105	548528	5.157	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	73875	4.847	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	402514	4.923	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	414656	5.068	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	260100	5.073	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	265433	4.932	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	235775	5.013	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	15557	4.779	ug/L	93
69) 1,3,5-Trichlorobenzene	12.570	180	161055	4.846	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	125756	4.810	ug/L	97
71) Naphthalene	13.429	128	202602	4.801	ug/L	98
72) 1,2,3-Trichlorobenzene	13.667	180	118367	4.942	ug/L	98

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

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