

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031325\
 Data File : VV038705.D
 Acq On : 13 Mar 2025 16:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 14 07:42:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 13 13:15:04 2025
 Response via : Initial Calibration

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene		5.529	114	162447	5.00	ug/L	0.00
28) Chlorobenzene-d5		8.779	117	175831	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.178	152	90814	5.00	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.275	65	53847	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%	
7) Chloroethane-d5		1.529	69	53414	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%	
11) 1,1-Dichloroethene-d2		2.053	65	27869	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%	
20) 2-Butanone-d5		3.789	46	147806	57.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.10%	
24) Chloroform-d		4.239	84	138029	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%	
26) 1,2-Dichloroethane-d4		4.937	65	62346	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%	
32) Benzene-d6		4.953	84	247229	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%	
36) 1,2-Dichloropropane-d6		5.979	67	76680	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%	
41) Toluene-d8		7.236	98	230721	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%	
43) trans-1,3-Dichloroprop...		7.551	79	24549	5.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.60%	
46) 2-Hexanone-d5		8.017	63	121269	58.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.36%	
56) 1,1,2,2-Tetrachloroeth...		10.146	84	66873	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%	
66) 1,2-Dichlorobenzene-d4		11.551	152	79927	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%	
Target Compounds							
2) Dichlorodifluoromethane		1.105	85	81516	4.95	ug/L	98
3) Chloromethane		1.214	50	78347	4.95	ug/L	98
5) Vinyl chloride		1.281	62	80885	4.90	ug/L	98
6) Bromomethane		1.484	94	39785	5.10	ug/L	98
8) Chloroethane		1.545	64	49711	4.58	ug/L	97
9) Trichlorofluoromethane		1.709	101	114623	4.85	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...		2.063	101	66512	4.85	ug/L	99
12) 1,1-Dichloroethene		2.063	96	61938	4.99	ug/L	96
13) Acetone		2.121	43	101999	47.12	ug/L	99
14) Carbon disulfide		2.233	76	191293	4.88	ug/L	99
15) Methyl Acetate		2.378	43	23806	4.84	ug/L	95
16) Methylene chloride		2.442	84	70742	4.95	ug/L	97
17) Methyl tert-butyl Ether		2.699	73	131903	5.05	ug/L	100
18) trans-1,2-Dichloroethene		2.690	96	62931	5.06	ug/L	96
19) 1,1-Dichloroethane		3.104	63	126464	5.11	ug/L	99
21) 2-Butanone		3.873	43	138246	50.45	ug/L	93
22) cis-1,2-Dichloroethene		3.805	96	66272	5.10	ug/L	93
23) Bromochloromethane		4.140	128	32647	5.19	ug/L	97
25) Chloroform		4.268	83	127240	5.01	ug/L	98

V21B0002348EC
 Client Sample ID :
 MSVOA_V
 Instrument :

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	71759	5.12	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	109579	5.00	ug/L	99
30) Cyclohexane	4.571	56	90187	5.01	ug/L	96
31) Carbon tetrachloride	4.725	117	95066	4.77	ug/L	100
33) Benzene	5.001	78	264008	5.27	ug/L	100
34) Trichloroethene	5.828	95	66414	4.89	ug/L	98
35) Methylcyclohexane	6.040	83	94876	4.82	ug/L	100
37) 1,2-Dichloropropane	6.085	63	69307	5.12	ug/L	100
38) Bromodichloromethane	6.426	83	90303	5.05	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	88343	4.99	ug/L	94
40) 4-Methyl-2-pentanone	7.149	43	377639	55.69	ug/L	99
42) Toluene	7.307	91	284736	5.49	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	76464	5.12	ug/L	95
45) 1,1,2-Trichloroethane	7.763	97	51264	5.05	ug/L	99
47) Tetrachloroethene	7.898	164	49990	4.84	ug/L	91
48) 2-Hexanone	8.069	43	281857	58.11	ug/L	97
49) Dibromochloromethane	8.169	129	56220	5.00	ug/L	96
50) 1,2-Dibromoethane	8.278	107	47078	5.20	ug/L	95
51) Chlorobenzene	8.808	112	178357	5.05	ug/L	97
52) Ethylbenzene	8.937	91	280695	4.97	ug/L	100
53) m,p-Xylene	9.066	106	108830	5.11	ug/L	99
54) o-Xylene	9.471	106	101094	5.11	ug/L	98
55) Styrene	9.490	104	185919	5.45	ug/L	99
57) 1,1,1,2,2-Tetrachloroethane	10.168	83	63772	5.30	ug/L	94
59) Bromoform	9.660	173	28130	4.69	ug/L	97
60) Isopropylbenzene	9.860	105	277856	5.12	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	42399	5.29	ug/L	97
62) 1,3,5-Trimethylbenzene	10.467	105	204436	4.85	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	207920	5.06	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	141412	5.13	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	140503	4.98	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	131981	5.14	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	8943			
69) 1,3,5-Trichlorobenzene	12.574	180	89834			
70) 1,2,4-trichlorobenzene	13.191	180	69288			
71) Naphthalene	13.435	128	93773	4.62	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	63596	4.92	ug/L	99

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

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