

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW021325\
 Data File : VW038682.D
 Acq On : 13 Feb 2025 08:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

Quant Time: Feb 14 14:37:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 14 11:36:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	173806	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	176923	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	94103	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64576	3.59	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.80%	
7) Chloroethane-d5	1.532	69	53666	3.97	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.40%	
11) 1,1-Dichloroethene-d2	2.056	65	27161	3.61	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.20%	
20) 2-Butanone-d5	3.796	46	124982	40.05	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.10%	
24) Chloroform-d	4.239	84	121221	4.26	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.20%	
26) 1,2-Dichloroethane-d4	4.937	65	54236	4.32	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.40%	
32) Benzene-d6	4.950	84	227801	4.40	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.00%	
36) 1,2-Dichloropropane-d6	5.979	67	68305	4.45	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.00%	
41) Toluene-d8	7.236	98	206606	4.47	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.40%	
43) trans-1,3-Dichloroprop...	7.551	79	22500	4.00	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.00%	
46) 2-Hexanone-d5	8.021	63	99181	45.48	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.96%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	55371	4.24	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.80%	
66) 1,2-Dichlorobenzene-d4	11.551	152	69382	4.25	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	95111	4.61	ug/L	100
3) Chloromethane	1.214	50	90211	4.66	ug/L	98
5) Vinyl chloride	1.281	62	96264	4.69	ug/L	100
6) Bromomethane	1.487	94	35173	3.98	ug/L	97
8) Chloroethane	1.548	64	59709	4.70	ug/L	98
9) Trichlorofluoromethane	1.712	101	129276	4.72	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	76942	5.05	ug/L	98
12) 1,1-Dichloroethene	2.066	96	71241	4.81	ug/L	95
13) Acetone	2.127	43	100797	43.98	ug/L	97
14) Carbon disulfide	2.236	76	228618	4.69	ug/L	100
15) Methyl Acetate	2.381	43	26915	4.56	ug/L	94
16) Methylene chloride	2.442	84	74617	4.44	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	142749	4.72	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	72898	4.92	ug/L	96
19) 1,1-Dichloroethane	3.104	63	141772	4.98	ug/L	100
21) 2-Butanone	3.876	43	137266	39.90	ug/L	93
22) cis-1,2-Dichloroethene	3.805	96	73281	4.80	ug/L	96
23) Bromochloromethane	4.140	128	33157	4.57	ug/L	97
25) Chloroform	4.265	83	140418	4.93	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	79913	4.77	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	121833	4.88	ug/L	98
30) Cyclohexane	4.571	56	111217	5.16	ug/L	97
31) Carbon tetrachloride	4.725	117	107433	4.94	ug/L	100
33) Benzene	5.002	78	290925	5.20	ug/L	100
34) Trichloroethene	5.825	95	76474	5.31	ug/L	97
35) Methylcyclohexane	6.040	83	113020	4.99	ug/L	99
37) 1,2-Dichloropropane	6.082	63	76645	5.41	ug/L	99
38) Bromodichloromethane	6.426	83	94170	4.84	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	93865	4.87	ug/L	95
40) 4-Methyl-2-pentanone	7.149	43	375154	50.46	ug/L	99
42) Toluene	7.307	91	315992	5.31	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	79044	4.88	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	53703	4.85	ug/L	97
47) Tetrachloroethene	7.895	164	57807	5.17	ug/L	93
48) 2-Hexanone	8.069	43	263228	47.99	ug/L	98
49) Dibromochloromethane	8.165	129	57490	4.68	ug/L	99
50) 1,2-Dibromoethane	8.275	107	48562	4.74	ug/L	92
51) Chlorobenzene	8.805	112	200320	5.12	ug/L	97
52) Ethylbenzene	8.937	91	325738	5.16	ug/L	99
53) m,p-Xylene	9.062	106	124161	5.34	ug/L	94
54) o-Xylene	9.471	106	117034	5.16	ug/L	99
55) Styrene	9.487	104	211348	5.51	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	64494	4.73	ug/L	99
59) Bromoform	9.657	173	26242	4.17	ug/L	95
60) Isopropylbenzene	9.857	105	319595	5.16	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	43222	4.46	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	241743	4.95	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	248324	5.12	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	157149	5.07	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	159719	5.07	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	142681	4.91	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	8588	4.36	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	103265	5.08	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	76348	4.97	ug/L	97
71) Naphthalene	13.435	128	96728	3.93	ug/L	97
72) 1,2,3-Trichlorobenzene	13.673	180	66774	4.69	ug/L	98

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

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