

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW021325\
 Data File : VW038686.D
 Acq On : 13 Feb 2025 16:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005345

Quant Time: Feb 14 14:43:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 14 14:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	134626	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	144083	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	74568	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51341	3.69	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.80%	
7) Chloroethane-d5	1.529	69	42739	4.08	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.60%	
11) 1,1-Dichloroethene-d2	2.053	65	22843	3.92	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.40%	
20) 2-Butanone-d5	3.780	46	131454	54.38	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.76%	
24) Chloroform-d	4.243	84	105949	4.80	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.00%	
26) 1,2-Dichloroethane-d4	4.937	65	50441	5.19	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.80%	
32) Benzene-d6	4.953	84	188048	4.46	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.20%	
36) 1,2-Dichloropropane-d6	5.982	67	57885	4.63	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.60%	
41) Toluene-d8	7.236	98	171189	4.55	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.00%	
43) trans-1,3-Dichloroprop...	7.551	79	21820	4.76	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.20%	
46) 2-Hexanone-d5	8.017	63	105636	59.47	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.94%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	60127	5.66	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.20%	
66) 1,2-Dichlorobenzene-d4	11.551	152	59888	4.63	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.60%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	83735	5.24	ug/L	99
3) Chloromethane	1.214	50	69590	4.64	ug/L	99
5) Vinyl chloride	1.281	62	78982	4.97	ug/L	98
6) Bromomethane	1.484	94	25163	3.67	ug/L	95
8) Chloroethane	1.545	64	49024	4.98	ug/L	100
9) Trichlorofluoromethane	1.709	101	108142	5.10	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	67362	5.71	ug/L	99
12) 1,1-Dichloroethene	2.066	96	57429	5.01	ug/L	93
13) Acetone	2.108	43	97702	55.03	ug/L	96
14) Carbon disulfide	2.236	76	181718	4.82	ug/L	99
15) Methyl Acetate	2.375	43	24295	5.32	ug/L	98
16) Methylene chloride	2.442	84	65333	5.01	ug/L	99
17) Methyl tert-butyl Ether	2.696	73	129580	5.53	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	58683	5.12	ug/L	97
19) 1,1-Dichloroethane	3.104	63	115861	5.25	ug/L	98
21) 2-Butanone	3.860	43	142724	53.56	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	61385	5.19	ug/L	95
23) Bromochloromethane	4.143	128	30324	5.39	ug/L	96
25) Chloroform	4.268	83	117342	5.32	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	70925	5.46	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	99283	4.89	ug/L	99
30) Cyclohexane	4.571	56	88943	5.07	ug/L	97
31) Carbon tetrachloride	4.722	117	87233	4.92	ug/L	99
33) Benzene	5.002	78	241338	5.29	ug/L	100
34) Trichloroethene	5.828	95	61115	5.22	ug/L	99
35) Methylcyclohexane	6.040	83	94583	5.13	ug/L	100
37) 1,2-Dichloropropane	6.085	63	63691	5.52	ug/L	100
38) Bromodichloromethane	6.426	83	80315	5.07	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	83109	5.29	ug/L	95
40) 4-Methyl-2-pentanone	7.146	43	371503	61.36	ug/L	100
42) Toluene	7.307	91	257986	5.32	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	68657	5.20	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	49093	5.44	ug/L	95
47) Tetrachloroethene	7.899	164	45916	5.04	ug/L	95
48) 2-Hexanone	8.066	43	276140	61.81	ug/L	96
49) Dibromochloromethane	8.169	129	50093	5.01	ug/L	100
50) 1,2-Dibromoethane	8.278	107	46030	5.52	ug/L #	92
51) Chlorobenzene	8.805	112	165037	5.18	ug/L	99
52) Ethylbenzene	8.937	91	258556	5.03	ug/L	99
53) m,p-Xylene	9.066	106	97597	5.15	ug/L	97
54) o-Xylene	9.471	106	91578	4.95	ug/L	99
55) Styrene	9.490	104	166095	5.32	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	64281	5.79	ug/L	95
59) Bromoform	9.660	173	25058	5.03	ug/L	100
60) Isopropylbenzene	9.860	105	255953	5.21	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	41564	5.41	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	184001	4.76	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	188603	4.90	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	125855	5.13	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	129189	5.17	ug/L	97
67) 1,2-Dichlorobenzene	11.570	146	121028	5.26	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	8949	5.73	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	79158	4.92	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	62910	5.17	ug/L	100
71) Naphthalene	13.435	128	90661	4.65	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	57899	5.13	ug/L	99

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

