

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW021025\
 Data File : VW038662.D
 Acq On : 10 Feb 2025 11:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

Quant Time: Feb 14 11:31:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 12 13:18:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	248369	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	235135	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	121510	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	92603	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.532	69	74117	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.053	65	40068	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.796	46	175256	39.30	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.60%
24) Chloroform-d	4.236	84	173280	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	4.934	65	76120	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	4.950	84	334547	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	5.979	67	99498	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.233	98	304271	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloroprop...	7.548	79	33089	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.018	63	141021	48.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.30%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	71193	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
66) 1,2-Dichlorobenzene-d4	11.551	152	99036	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	129106	4.38	ug/L	100
3) Chloromethane	1.214	50	113231	4.09	ug/L	99
5) Vinyl chloride	1.281	62	126983	4.33	ug/L	98
6) Bromomethane	1.487	94	57533	4.55	ug/L	96
8) Chloroethane	1.548	64	74390	4.10	ug/L	98
9) Trichlorofluoromethane	1.709	101	164164	4.19	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	100293	4.61	ug/L	100
12) 1,1-Dichloroethene	2.066	96	90650	4.29	ug/L	95
13) Acetone	2.130	43	122070	37.27	ug/L	99
14) Carbon disulfide	2.236	76	313425	4.50	ug/L	99
15) Methyl Acetate	2.381	43	33817	4.01	ug/L	99
16) Methylene chloride	2.442	84	98196	4.08	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	203160	4.70	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	100826	4.77	ug/L	97
19) 1,1-Dichloroethane	3.101	63	186565	4.58	ug/L	98
21) 2-Butanone	3.876	43	193785	39.42	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	104631	4.80	ug/L	94
23) Bromochloromethane	4.140	128	41799	4.03	ug/L	91
25) Chloroform	4.265	83	183126	4.50	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	99838	4.17	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	163113	4.92	ug/L	99
30) Cyclohexane	4.571	56	167697	5.86	ug/L	99
31) Carbon tetrachloride	4.722	117	138960	4.80	ug/L	100
33) Benzene	4.998	78	405273	5.45	ug/L	100
34) Trichloroethene	5.825	95	103393	5.41	ug/L	98
35) Methylcyclohexane	6.037	83	174731	5.81	ug/L	98
37) 1,2-Dichloropropane	6.082	63	100125	5.32	ug/L	99
38) Bromodichloromethane	6.423	83	124424	4.81	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	139776	5.46	ug/L	98
40) 4-Methyl-2-pentanone	7.146	43	492684	49.87	ug/L	100
42) Toluene	7.304	91	427573	5.41	ug/L	97
44) trans-1,3-Dichloropropene	7.574	75	104336	4.84	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	65577	4.46	ug/L	97
47) Tetrachloroethene	7.895	164	75073	5.05	ug/L	95
48) 2-Hexanone	8.069	43	341166	46.80	ug/L	98
49) Dibromochloromethane	8.165	129	68336	4.19	ug/L	96
50) 1,2-Dibromoethane	8.275	107	61787	4.54	ug/L	93
51) Chlorobenzene	8.805	112	272227	5.24	ug/L	98
52) Ethylbenzene	8.937	91	468942	5.59	ug/L	99
53) m,p-Xylene	9.063	106	176555	5.71	ug/L	99
54) o-Xylene	9.468	106	169477	5.62	ug/L	97
55) Styrene	9.487	104	290987	5.71	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	77896	4.30	ug/L	98
59) Bromoform	9.657	173	29673	3.65	ug/L	98
60) Isopropylbenzene	9.857	105	469005	5.86	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	52916	4.23	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	368544	5.85	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	373876	5.97	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	212996	5.32	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	210145	5.16	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	185976	4.96	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	10573	4.15	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	143319	5.46	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	115183	5.80	ug/L	99
71) Naphthalene	13.432	128	160454	5.05	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	97019	5.28	ug/L	99

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

