

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW021425\
 Data File : VW038695.D
 Acq On : 14 Feb 2025 14:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

Quant Time: Feb 17 10:35:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 17 10:31:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	158112	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	168247	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	87866	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57653	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.532	69	51287	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.053	65	26347	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.799	46	120558	42.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.92%
24) Chloroform-d	4.239	84	120914	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	4.937	65	51677	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	4.950	84	218637	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	5.982	67	65761	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.233	98	198633	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloroprop...	7.551	79	21326	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.021	63	93281	44.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.96%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	55514	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
66) 1,2-Dichlorobenzene-d4	11.551	152	67868	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	88807	4.73	ug/L	100
3) Chloromethane	1.214	50	83188	4.72	ug/L	98
5) Vinyl chloride	1.281	62	90368	4.84	ug/L	99
6) Bromomethane	1.487	94	33931	4.22	ug/L	99
8) Chloroethane	1.548	64	55373	4.79	ug/L	98
9) Trichlorofluoromethane	1.709	101	124891	5.01	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	74038	5.34	ug/L	98
12) 1,1-Dichloroethene	2.066	96	66455	4.94	ug/L	93
13) Acetone	2.130	43	92755	44.49	ug/L	99
14) Carbon disulfide	2.236	76	218072	4.92	ug/L	99
15) Methyl Acetate	2.381	43	23829	4.44	ug/L	96
16) Methylene chloride	2.442	84	74813	4.89	ug/L	99
17) Methyl tert-butyl Ether	2.696	73	132172	4.80	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	70915	5.27	ug/L	96
19) 1,1-Dichloroethane	3.101	63	136144	5.25	ug/L	97
21) 2-Butanone	3.879	43	135548	43.31	ug/L	96
22) cis-1,2-Dichloroethene	3.805	96	70870	5.10	ug/L	98
23) Bromochloromethane	4.143	128	32094	4.86	ug/L	99
25) Chloroform	4.265	83	139130	5.37	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	76253	5.00	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	119833	5.05	ug/L	99
30) Cyclohexane	4.571	56	99627	4.86	ug/L	97
31) Carbon tetrachloride	4.722	117	102704	4.96	ug/L	100
33) Benzene	5.001	78	284293	5.34	ug/L	100
34) Trichloroethene	5.825	95	72289	5.28	ug/L	97
35) Methylcyclohexane	6.040	83	104094	4.84	ug/L	99
37) 1,2-Dichloropropane	6.085	63	75923	5.64	ug/L	100
38) Bromodichloromethane	6.423	83	93479	5.06	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	92946	5.07	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	351292	49.69	ug/L	100
42) Toluene	7.307	91	311093	5.50	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	78253	5.08	ug/L	96
45) 1,1,2-Trichloroethane	7.760	97	51691	4.91	ug/L	99
47) Tetrachloroethene	7.895	164	55731	5.24	ug/L	97
48) 2-Hexanone	8.069	43	253477	48.59	ug/L	98
49) Dibromochloromethane	8.169	129	56096	4.80	ug/L	100
50) 1,2-Dibromoethane	8.275	107	48004	4.93	ug/L	94
51) Chlorobenzene	8.805	112	191939	5.16	ug/L	98
52) Ethylbenzene	8.937	91	313488	5.22	ug/L	100
53) m,p-Xylene	9.066	106	121377	5.49	ug/L	95
54) o-Xylene	9.471	106	112181	5.20	ug/L	98
55) Styrene	9.487	104	205653	5.64	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.168	83	64056	4.94	ug/L	98
59) Bromoform	9.657	173	25174	4.29	ug/L	97
60) Isopropylbenzene	9.857	105	314686	5.44	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	39697	4.39	ug/L	97
62) 1,3,5-Trimethylbenzene	10.467	105	229714	5.04	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	242834	5.36	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	154935	5.36	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	155271	5.27	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	138052	5.09	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	7884	4.28	ug/L	96
69) 1,3,5-Trichlorobenzene	12.573	180	99561	5.25	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	72029	5.02	ug/L	99
71) Naphthalene	13.435	128	91760	4.00	ug/L	97
72) 1,2,3-Trichlorobenzene	13.673	180	66107	4.97	ug/L	98

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

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