

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020625\
 Data File : VW038638.D
 Acq On : 06 Feb 2025 17:56
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV234

Quant Time: Feb 11 13:16:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 11 12:57:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	204845	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	212291	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	111895	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	100887	4.76	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.20%	
7) Chloroethane-d5	1.532	69	74537	4.67	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.40%	
11) 1,1-Dichloroethene-d2	2.056	65	41393	4.67	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.40%	
20) 2-Butanone-d5	3.815	46	194858	52.98	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.96%	
24) Chloroform-d	4.243	84	165228	4.92	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.40%	
26) 1,2-Dichloroethane-d4	4.937	65	77460	5.24	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.80%	
32) Benzene-d6	4.953	84	321220	5.17	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.40%	
36) 1,2-Dichloropropane-d6	5.982	67	94055	5.11	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.20%	
41) Toluene-d8	7.233	98	291121	5.25	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.00%	
43) trans-1,3-Dichloroprop...	7.551	79	35644	5.28	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.60%	
46) 2-Hexanone-d5	8.021	63	143060	54.67	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.34%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	78520	5.02	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.40%	
66) 1,2-Dichlorobenzene-d4	11.551	152	99363	5.12	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.40%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	111825	4.59	ug/L	100
3) Chloromethane	1.214	50	104211	4.57	ug/L	99
5) Vinyl chloride	1.282	62	113393	4.69	ug/L	96
6) Bromomethane	1.487	94	57919	5.56	ug/L	98
8) Chloroethane	1.548	64	66759	4.46	ug/L	97
9) Trichlorofluoromethane	1.712	101	148281	4.59	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	84964	4.73	ug/L	99
12) 1,1-Dichloroethene	2.066	96	81775	4.69	ug/L	97
13) Acetone	2.146	43	123629	45.77	ug/L	99
14) Carbon disulfide	2.237	76	268890	4.68	ug/L	99
15) Methyl Acetate	2.388	43	31431	4.52	ug/L	92
16) Methylene chloride	2.442	84	88341	4.46	ug/L	99
17) Methyl tert-butyl Ether	2.700	73	175904	4.93	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	83447	4.78	ug/L	94
19) 1,1-Dichloroethane	3.108	63	159668	4.76	ug/L	99
21) 2-Butanone	3.892	43	189808	46.81	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	86111	4.79	ug/L	96
23) Bromochloromethane	4.143	128	39981	4.67	ug/L	99
25) Chloroform	4.269	83	161958	4.83	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	93621	4.74	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	138763	4.63	ug/L	98
30) Cyclohexane	4.574	56	124983	4.83	ug/L	96
31) Carbon tetrachloride	4.728	117	120266	4.61	ug/L	99
33) Benzene	5.002	78	341591	5.08	ug/L	100
34) Trichloroethene	5.828	95	86153	4.99	ug/L	96
35) Methylcyclohexane	6.040	83	127402	4.69	ug/L	99
37) 1,2-Dichloropropane	6.085	63	90752	5.34	ug/L	100
38) Bromodichloromethane	6.426	83	109399	4.69	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	118329	5.12	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	490719	55.01	ug/L	98
42) Toluene	7.307	91	365044	5.11	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	102522	5.27	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	63407	4.77	ug/L	96
47) Tetrachloroethene	7.895	164	64578	4.81	ug/L	95
48) 2-Hexanone	8.069	43	358730	54.50	ug/L	99
49) Dibromochloromethane	8.169	129	69101	4.69	ug/L	100
50) 1,2-Dibromoethane	8.278	107	61035	4.97	ug/L	95
51) Chlorobenzene	8.805	112	226953	4.84	ug/L	100
52) Ethylbenzene	8.937	91	376742	4.97	ug/L	99
53) m,p-Xylene	9.066	106	142680	5.11	ug/L	98
54) o-Xylene	9.471	106	137787	5.06	ug/L	100
55) Styrene	9.490	104	247551	5.38	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	79022	4.83	ug/L	95
59) Bromoform	9.657	173	33944	4.54	ug/L	99
60) Isopropylbenzene	9.860	105	369922	5.02	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	53651	4.66	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	280936	4.84	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	285425	4.95	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	179789	4.88	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	184742	4.93	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	170244	4.93	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.358	75	11727	5.00	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	117831	4.88	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	95629	5.23	ug/L	98
71) Naphthalene	13.432	128	146096	5.00	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	86625	5.12	ug/L	98

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

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