

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022125\
 Data File : VU063276.D
 Acq On : 21 Feb 2025 15:59
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV011

Quant Time: Feb 24 11:56:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022125WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 24 11:41:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	195491	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	187385	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	88052	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	81123	4.84	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.80%	
7) Chloroethane-d5	1.901	69	66310	4.87	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.40%	
11) 1,1-Dichloroethene-d2	2.557	65	33611	5.02	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.40%	
20) 2-Butanone-d5	4.605	46	181828	51.71	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.42%	
24) Chloroform-d	5.049	84	151317	5.01	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.20%	
26) 1,2-Dichloroethane-d4	5.688	65	75630	4.97	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.40%	
32) Benzene-d6	5.714	84	298060	5.03	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.60%	
36) 1,2-Dichloropropane-d6	6.676	67	95245	5.02	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.40%	
41) Toluene-d8	7.888	98	273461	5.17	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.40%	
43) trans-1,3-Dichloroprop...	8.171	79	35834	5.16	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.20%	
46) 2-Hexanone-d5	8.621	63	141738	53.80	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.60%	
56) 1,1,2,2-Tetrachloroeth...	10.743	84	76078	4.96	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.20%	
66) 1,2-Dichlorobenzene-d4	12.183	152	87134	5.04	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.80%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	87169	4.85	ug/L	98
3) Chloromethane	1.515	50	96929	4.70	ug/L	99
5) Vinyl chloride	1.599	62	98212	4.87	ug/L	98
6) Bromomethane	1.843	94	56805	4.81	ug/L	100
8) Chloroethane	1.923	64	60676	4.94	ug/L	99
9) Trichlorofluoromethane	2.129	101	112076	4.85	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	70127	4.88	ug/L	97
12) 1,1-Dichloroethene	2.570	96	68145	4.86	ug/L	97
13) Acetone	2.611	43	107819	48.26	ug/L	99
14) Carbon disulfide	2.782	76	226859	4.92	ug/L	99
15) Methyl Acetate	2.939	43	31430	5.25	ug/L	98
16) Methylene chloride	3.033	84	82357	4.79	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	179690	5.04	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	72659	4.91	ug/L	99
19) 1,1-Dichloroethane	3.852	63	146830	4.99	ug/L	99
21) 2-Butanone	4.685	43	187902	50.36	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	83816	4.99	ug/L	97
23) Bromochloromethane	4.959	128	36884	4.94	ug/L	94
25) Chloroform	5.071	83	149199	4.98	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	91901	4.80	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	119857	5.06	ug/L	99
30) Cyclohexane	5.373	56	121273	5.18	ug/L	98
31) Carbon tetrachloride	5.512	117	99722	4.97	ug/L	100
33) Benzene	5.759	78	329345	5.01	ug/L	100
34) Trichloroethene	6.531	95	82166	4.98	ug/L	97
35) Methylcyclohexane	6.749	83	119241	5.00	ug/L	99
37) 1,2-Dichloropropane	6.778	63	87510	5.00	ug/L	99
38) Bromodichloromethane	7.093	83	104000	4.98	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	123442	5.10	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	475906	52.26	ug/L	99
42) Toluene	7.958	91	343152	5.12	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	100488	5.04	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	62835	5.04	ug/L	99
47) Tetrachloroethene	8.544	164	59653	5.00	ug/L	96
48) 2-Hexanone	8.669	43	348279	54.73	ug/L	99
49) Dibromochloromethane	8.798	129	66391	5.01	ug/L	96
50) 1,2-Dibromoethane	8.910	107	58950	5.18	ug/L	96
51) Chlorobenzene	9.437	112	206590	4.98	ug/L	99
52) Ethylbenzene	9.560	91	354942	5.07	ug/L	98
53) m,p-Xylene	9.682	106	134460	5.16	ug/L	99
54) o-Xylene	10.090	106	130759	5.23	ug/L	98
55) Styrene	10.103	104	215399	5.24	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.769	83	79100	5.04	ug/L	98
59) Bromoform	10.280	173	39621	4.96	ug/L	98
60) Isopropylbenzene	10.473	105	346492	5.26	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	53168	4.98	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	270248	5.28	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	257892	5.37	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	156258	5.10	ug/L	98
65) 1,4-Dichlorobenzene	11.826	146	154214	5.05	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	145482	5.09	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	10416	5.22	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	106393	5.03	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	80105	5.29	ug/L	99
71) Naphthalene	14.080	128	119807	5.92	ug/L	97
72) 1,2,3-Trichlorobenzene	14.322	180	69109	5.32	ug/L	98

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

