

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
 Data File : VU063122.D
 Acq On : 04 Feb 2025 15:55
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV005

Quant Time: Feb 05 07:50:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 05 07:40:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	88857	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39695	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26448	5.204	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.898	69	23985	5.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.554	65	11950	5.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	4.608	46	87440	52.259	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.520%
24) Chloroform-d	5.049	84	58779	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.689	65	29837	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.714	84	114036	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.679	67	37383	5.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.888	98	102328	5.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	8.171	79	13867	5.148	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.621	63	72579	53.536	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32586	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	34436	5.195	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	42181	5.479	ug/L	100
3) Chloromethane	1.518	50	45725	5.422	ug/L	96
5) Vinyl chloride	1.599	62	46752	5.477	ug/L	100
6) Bromomethane	1.840	94	23218	5.410	ug/L	97
8) Chloroethane	1.920	64	26611	5.175	ug/L	97
9) Trichlorofluoromethane	2.126	101	52757	5.502	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	32408	5.498	ug/L	98
12) 1,1-Dichloroethene	2.566	96	31126	5.389	ug/L	98
13) Acetone	2.611	43	53357	50.639	ug/L	100
14) Carbon disulfide	2.779	76	108037	5.327	ug/L	99
15) Methyl Acetate	2.939	43	15119	5.254	ug/L	97
16) Methylene chloride	3.029	84	36281	5.251	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	83523	5.248	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	33218	5.379	ug/L	100
19) 1,1-Dichloroethane	3.853	63	65622	5.285	ug/L	99
21) 2-Butanone	4.685	43	94640	54.097	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	37566	5.453	ug/L	99
23) Bromochloromethane	4.962	128	16553	5.356	ug/L	99
25) Chloroform	5.071	83	65983	5.400	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	42368	5.262	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	53630	5.420	ug/L	100
30) Cyclohexane	5.373	56	58836	5.618	ug/L	98
31) Carbon tetrachloride	5.512	117	45399	5.438	ug/L	100
33) Benzene	5.762	78	149879	5.448	ug/L	100
34) Trichloroethene	6.531	95	36854	5.275	ug/L	99
35) Methylcyclohexane	6.750	83	58532	5.591	ug/L	99
37) 1,2-Dichloropropane	6.779	63	39210	5.344	ug/L	100
38) Bromodichloromethane	7.094	83	46463	5.274	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	56142	5.366	ug/L	98
40) 4-Methyl-2-pentanone	7.778	43	233601	53.940	ug/L	99
42) Toluene	7.959	91	157121	5.464	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	47268	5.396	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	28515	5.262	ug/L	97
47) Tetrachloroethene	8.544	164	26709	5.443	ug/L	99
48) 2-Hexanone	8.672	43	169914	55.613	ug/L	100
49) Dibromochloromethane	8.798	129	30364	5.323	ug/L	99
50) 1,2-Dibromoethane	8.913	107	27268	5.486	ug/L	98
51) Chlorobenzene	9.438	112	92967	5.356	ug/L	99
52) Ethylbenzene	9.560	91	164512	5.470	ug/L	99
53) m,p-Xylene	9.685	106	60546	5.581	ug/L	100
54) o-Xylene	10.090	106	59123	5.496	ug/L	95
55) Styrene	10.106	104	101016	5.705	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	36630	5.266	ug/L	99
59) Bromoform	10.280	173	18307	5.349	ug/L	100
60) Isopropylbenzene	10.476	105	159809	5.669	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	24901	5.198	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	127155	5.719	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	124199	5.809	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	70097	5.488	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	68169	5.309	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	66147	5.542	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5442	5.679	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	48930	5.607	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	38880	5.663	ug/L	100
71) Naphthalene	14.080	128	63772	5.660	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	34748	5.664	ug/L	99

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

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