

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
 Data File : VU063114.D
 Acq On : 03 Feb 2025 15:04
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

Quant Time: Feb 04 07:50:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 04 07:42:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	87042	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	64487	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	38368	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	35042	5.813	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	116.200%	
7) Chloroethane-d5	1.901	69	32283	6.503	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	130.000%	
11) 1,1-Dichloroethene-d2	2.557	65	12161	4.640	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.800%	
20) 2-Butanone-d5	4.605	46	67061	47.152	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.300%	
24) Chloroform-d	5.049	84	57063	4.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.689	65	26086	4.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.714	84	111476	5.989	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	119.800%	
36) 1,2-Dichloropropane-d6	6.679	67	27222	4.397	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.888	98	79755	4.753	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	8.171	79	10288	4.500	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.621	63	40655	41.803	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.600%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30026	5.992	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.800%	
66) 1,2-Dichlorobenzene-d4	12.184	152	34153	4.904	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	24933	4.513	ug/L	97
3) Chloromethane	1.518	50	31119	4.579	ug/L	97
5) Vinyl chloride	1.599	62	42797	5.973	ug/L	99
6) Bromomethane	1.846	94	24358	6.255	ug/L	96
8) Chloroethane	1.924	64	26693	6.357	ug/L	95
9) Trichlorofluoromethane	2.129	101	56969	5.977	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	28917	4.709	ug/L	99
12) 1,1-Dichloroethene	2.570	96	26831	4.771	ug/L	98
13) Acetone	2.612	43	38727	47.979	ug/L	94
14) Carbon disulfide	2.782	76	73542	4.487	ug/L	98
15) Methyl Acetate	2.940	43	9415	4.482	ug/L	99
16) Methylene chloride	3.030	84	28662	4.451	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	66459	4.542	ug/L	98
18) trans-1,2-Dichloroethene	3.342	96	27025	4.772	ug/L	98
19) 1,1-Dichloroethane	3.853	63	52877	4.638	ug/L	98
21) 2-Butanone	4.686	43	60273	44.908	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	31782	4.637	ug/L	95
23) Bromochloromethane	4.962	128	13501	4.694	ug/L	96
25) Chloroform	5.075	83	54924	4.637	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	31218	4.543	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	44618	5.854	ug/L	100
30) Cyclohexane	5.377	56	40492	5.766	ug/L	97
31) Carbon tetrachloride	5.515	117	38560	5.905	ug/L	100
33) Benzene	5.763	78	117029	5.747	ug/L	100
34) Trichloroethene	6.531	95	30410	5.647	ug/L	94
35) Methylcyclohexane	6.753	83	33889	4.427	ug/L	95
37) 1,2-Dichloropropane	6.779	63	23259	4.297	ug/L	100
38) Bromodichloromethane	7.094	83	29740	4.424	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	35133	4.428	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	103713	38.330	ug/L #	96
42) Toluene	7.959	91	97407	4.503	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	28785	4.411	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	17337	4.280	ug/L	98
47) Tetrachloroethene	8.544	164	17794	4.796	ug/L	97
48) 2-Hexanone	8.673	43	69390	36.963	ug/L #	93
49) Dibromochloromethane	8.798	129	20298	4.592	ug/L	99
50) 1,2-Dibromoethane	8.914	107	16992	4.558	ug/L #	99
51) Chlorobenzene	9.438	112	64432	4.852	ug/L	97
52) Ethylbenzene	9.560	91	135531	5.898	ug/L	99
53) m,p-Xylene	9.685	106	50454	5.935	ug/L	92
54) o-Xylene	10.090	106	49555	5.970	ug/L	96
55) Styrene	10.107	104	83266	5.989	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	29763	5.812	ug/L	98
59) Bromoform	10.280	173	15851	4.819	ug/L	99
60) Isopropylbenzene	10.473	105	135778	4.881	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	19721	4.729	ug/L	97
62) 1,3,5-Trimethylbenzene	11.078	105	108708	4.963	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	105628	5.116	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	61104	4.862	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	59265	4.681	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	56875	4.734	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4128	5.402	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	42920	5.129	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	35028	5.935	ug/L	98
71) Naphthalene	14.081	128	44428	4.913	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	24807	4.733	ug/L	99

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

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