

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056257.D
 Acq On : 13 Nov 2023 17:24
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV004

Quant Time: Nov 13 23:53:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:42:10 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	318999	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	305218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	151789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	121698	5.100	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.000%		
7) Chloroethane-d5	1.911	69	92071	5.033	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.600%		
11) 1,1-Dichloroethene-d2	2.563	65	54944	5.218	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 104.400%		
20) 2-Butanone-d5	4.624	46	243184	51.114	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 102.220%		
24) Chloroform-d	5.059	84	234454	5.080	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.600%		
26) 1,2-Dichloroethane-d4	5.698	65	106512	4.995	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.800%		
32) Benzene-d6	5.721	84	466262	5.127	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.600%		
36) 1,2-Dichloropropane-d6	6.685	67	141830	5.175	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.400%		
41) Toluene-d8	7.894	98	417483	5.199	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.000%		
43) trans-1,3-Dichloroprop...	8.177	79	54131	5.150	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.000%		
46) 2-Hexanone-d5	8.631	63	217600	52.678	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 105.360%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99598	5.086	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	137894	4.918	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 98.400%		
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	132793	5.254	ug/L	97
3) Chloromethane	1.518	50	138623	5.367	ug/L	96
5) Vinyl chloride	1.602	62	140560	5.648	ug/L	99
6) Bromomethane	1.856	94	75190	5.969	ug/L	95
8) Chloroethane	1.930	64	82254	5.411	ug/L	99
9) Trichlorofluoromethane	2.136	101	200331	5.586	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	115586	5.429	ug/L	99
12) 1,1-Dichloroethene	2.576	96	110835	5.676	ug/L	94
13) Acetone	2.631	43	196101	48.394	ug/L	100
14) Carbon disulfide	2.792	76	350464	5.515	ug/L	98
15) Methyl Acetate	2.949	43	39706	5.506	ug/L	99
16) Methylene chloride	3.043	84	126533	4.896	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	260936	5.500	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	114054	5.677	ug/L	98
19) 1,1-Dichloroethane	3.862	63	223752	5.622	ug/L	98
21) 2-Butanone	4.702	43	269415	51.238	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	129803	5.697	ug/L	99
23) Bromochloromethane	4.968	128	51296	5.469	ug/L	96
25) Chloroform	5.081	83	230310	5.341	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	135604	5.539	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	197467	5.636	ug/L	99
30) Cyclohexane	5.383	56	183344	5.514	ug/L	98
31) Carbon tetrachloride	5.521	117	171384	5.695	ug/L	96
33) Benzene	5.769	78	488793	5.613	ug/L	100
34) Trichloroethene	6.538	95	131324	5.534	ug/L	98
35) Methylcyclohexane	6.759	83	184892	5.397	ug/L	99
37) 1,2-Dichloropropane	6.785	63	129165	5.687	ug/L	99
38) Bromodichloromethane	7.100	83	155914	5.318	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	183701	5.505	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	622932	55.332	ug/L	99
42) Toluene	7.965	91	511841	5.677	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	148162	5.569	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	83642	5.530	ug/L	99
47) Tetrachloroethene	8.550	164	89234	5.577	ug/L	98
48) 2-Hexanone	8.682	43	472760	53.903	ug/L	98
49) Dibromochloromethane	8.804	129	94842	5.514	ug/L	99
50) 1,2-Dibromoethane	8.920	107	77437	5.423	ug/L	98
51) Chlorobenzene	9.444	112	321837	5.555	ug/L	100
52) Ethylbenzene	9.566	91	572314	5.716	ug/L	100
53) m,p-Xylene	9.692	106	212272	5.767	ug/L	97
54) o-Xylene	10.097	106	206270	5.769	ug/L	100
55) Styrene	10.113	104	350560	5.894	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	101240	5.482	ug/L #	98
59) Bromoform	10.287	173	52106	5.511	ug/L	99
60) Isopropylbenzene	10.483	105	562451	5.746	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	71799	5.513	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	458685	5.707	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	460558	5.805	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	249629	5.606	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	247023	5.530	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	228429	5.592	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	14455	5.196	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	184213	5.495	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	148265	5.430	ug/L	98
71) Naphthalene	14.084	128	226310	5.485	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	126692	5.632	ug/L	96

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

