

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056726.D
 Acq On : 11 Dec 2023 12:23
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV010

Quant Time: Dec 12 01:00:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 00:52:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	267999	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	264117	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127498	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	117760	5.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.600%	
7) Chloroethane-d5	1.911	69	90636	5.272	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 105.400%	
11) 1,1-Dichloroethene-d2	2.563	65	51140	5.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 104.000%	
20) 2-Butanone-d5	4.624	46	257155	56.684	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 113.360%	
24) Chloroform-d	5.055	84	227497	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.600%	
26) 1,2-Dichloroethane-d4	5.698	65	109928	5.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.800%	
32) Benzene-d6	5.721	84	444600	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.600%	
36) 1,2-Dichloropropane-d6	6.685	67	136699	5.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.600%	
41) Toluene-d8	7.894	98	402961	5.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.000%	
43) trans-1,3-Dichloroprop...	8.174	79	54994	5.530	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 110.600%	
46) 2-Hexanone-d5	8.627	63	218547	58.273	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 116.540%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	100595	5.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 108.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	139200	5.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 111.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	133529	4.755	ug/L	96
3) Chloromethane	1.515	50	128163	4.641	ug/L	96
5) Vinyl chloride	1.602	62	131675	4.802	ug/L	99
6) Bromomethane	1.856	94	79329	4.907	ug/L	97
8) Chloroethane	1.933	64	73320	4.564	ug/L	97
9) Trichlorofluoromethane	2.136	101	183721	4.754	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	112882	4.762	ug/L	98
12) 1,1-Dichloroethene	2.576	96	105841	4.864	ug/L	97
13) Acetone	2.634	43	139953	50.622	ug/L	100
14) Carbon disulfide	2.792	76	362319	4.799	ug/L	99
15) Methyl Acetate	2.949	43	39378	5.232	ug/L	94
16) Methylene chloride	3.042	84	114247	4.820	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	244365	5.065	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	107982	4.895	ug/L	98
19) 1,1-Dichloroethane	3.865	63	204845	4.827	ug/L	98
21) 2-Butanone	4.701	43	237061	50.846	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	115939	4.831	ug/L	98
23) Bromochloromethane	4.968	128	48255	4.803	ug/L	99
25) Chloroform	5.081	83	213520	4.803	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	130631	4.969	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	188653	4.941	ug/L	99
30) Cyclohexane	5.383	56	180506	5.038	ug/L	99
31) Carbon tetrachloride	5.518	117	160252	4.829	ug/L	99
33) Benzene	5.769	78	452086	4.870	ug/L	100
34) Trichloroethene	6.537	95	126773	4.979	ug/L	95
35) Methylcyclohexane	6.759	83	191944	5.108	ug/L	98
37) 1,2-Dichloropropane	6.785	63	118035	4.971	ug/L	100
38) Bromodichloromethane	7.100	83	148808	4.914	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	174500	5.042	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	595014	52.774	ug/L	99
42) Toluene	7.965	91	485448	5.055	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	147688	5.207	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	79557	4.956	ug/L	97
47) Tetrachloroethene	8.550	164	89398	5.017	ug/L	99
48) 2-Hexanone	8.679	43	436185	54.318	ug/L	98
49) Dibromochloromethane	8.804	129	92918	5.036	ug/L	99
50) 1,2-Dibromoethane	8.920	107	76677	5.147	ug/L	97
51) Chlorobenzene	9.444	112	307245	5.019	ug/L	100
52) Ethylbenzene	9.566	91	539927	5.096	ug/L	99
53) m,p-Xylene	9.692	106	205185	5.198	ug/L	95
54) o-Xylene	10.097	106	192926	5.130	ug/L	99
55) Styrene	10.113	104	333196	5.396	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	95992	4.950	ug/L	97
59) Bromoform	10.286	173	52437	5.037	ug/L	99
60) Isopropylbenzene	10.479	105	530392	5.265	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	69341	5.065	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	432656	5.255	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	435565	5.327	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	241663	5.071	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	236473	5.040	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	216497	4.987	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	13091	4.790	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	182306	5.063	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	153643	5.389	ug/L	98
71) Naphthalene	14.084	128	245941	5.894	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	132831	5.487	ug/L	99

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

