

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057289.D
 Acq On : 27 Dec 2023 19:02
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV022

Quant Time: Dec 28 00:38:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:31:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	277422	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	272954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	135249	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	120203	5.040	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.911	69	95147	4.967	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 99.400%		
11) 1,1-Dichloroethene-d2	2.560	65	46928	4.944	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.800%		
20) 2-Butanone-d5	4.637	46	281713	52.153	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 104.300%		
24) Chloroform-d	5.055	84	212088	5.001	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.000%		
26) 1,2-Dichloroethane-d4	5.695	65	107514	4.960	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.200%		
32) Benzene-d6	5.721	84	400746	5.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.000%		
36) 1,2-Dichloropropane-d6	6.682	67	125591	5.151	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.000%		
41) Toluene-d8	7.891	98	354254	5.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.600%		
43) trans-1,3-Dichloroprop...	8.174	79	52272	5.343	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 106.800%		
46) 2-Hexanone-d5	8.631	63	237687	53.643	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 107.280%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	104991	5.127	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	120972	4.912	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 98.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	94926	4.714	ug/L	100
3) Chloromethane	1.518	50	97478	4.365	ug/L	97
5) Vinyl chloride	1.602	62	110940	4.791	ug/L	99
6) Bromomethane	1.856	94	55984	5.126	ug/L	96
8) Chloroethane	1.933	64	67009	4.464	ug/L	98
9) Trichlorofluoromethane	2.136	101	156068	4.678	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	96001	4.758	ug/L	98
12) 1,1-Dichloroethene	2.573	96	84280	4.649	ug/L	98
13) Acetone	2.657	43	151594	43.059	ug/L	99
14) Carbon disulfide	2.788	76	238375	4.610	ug/L	100
15) Methyl Acetate	2.956	43	35972	4.487	ug/L	99
16) Methylene chloride	3.039	84	102470	4.379	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	223719	4.888	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	87129	4.842	ug/L	96
19) 1,1-Dichloroethane	3.859	63	177198	4.686	ug/L	97
21) 2-Butanone	4.718	43	221951	44.141	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	96384	4.634	ug/L	96
23) Bromochloromethane	4.968	128	44210	4.755	ug/L	98
25) Chloroform	5.081	83	190204	4.769	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116272	4.652	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	159038	4.600	ug/L	100
30) Cyclohexane	5.380	56	124962	4.846	ug/L	100
31) Carbon tetrachloride	5.518	117	137206	4.731	ug/L	99
33) Benzene	5.766	78	379197	4.823	ug/L	100
34) Trichloroethene	6.534	95	102014	4.868	ug/L	93
35) Methylcyclohexane	6.756	83	135637	4.956	ug/L	99
37) 1,2-Dichloropropane	6.785	63	106304	4.859	ug/L	99
38) Bromodichloromethane	7.100	83	134723	4.774	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	148219	4.955	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	566425	50.814	ug/L	99
42) Toluene	7.962	91	395869	4.676	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	129656	4.971	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	75743	4.753	ug/L	98
47) Tetrachloroethene	8.547	164	70973	4.793	ug/L	99
48) 2-Hexanone	8.682	43	421574	51.295	ug/L	99
49) Dibromochloromethane	8.804	129	86243	4.752	ug/L	98
50) 1,2-Dibromoethane	8.917	107	69105	4.832	ug/L	96
51) Chlorobenzene	9.441	112	249047	4.839	ug/L	99
52) Ethylbenzene	9.563	91	415100	4.913	ug/L	100
53) m,p-Xylene	9.688	106	158909	4.939	ug/L	96
54) o-Xylene	10.094	106	151539	4.955	ug/L	96
55) Styrene	10.110	104	269589	5.235	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	96719	4.906	ug/L	98
59) Bromoform	10.283	173	51032	4.818	ug/L	96
60) Isopropylbenzene	10.479	105	416589	5.023	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	65339	4.627	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	322849	4.974	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	327863	5.081	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	197088	4.945	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	197693	4.873	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	185570	4.843	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	14391	4.634	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	139928	4.903	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	112237	4.956	ug/L	99
71) Naphthalene	14.081	128	180568	5.101	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	101890	5.161	ug/L	100

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

