

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056868.D
 Acq On : 15 Dec 2023 10:05
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Quant Time: Dec 15 22:24:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	251817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	244878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	122134	5.658	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 113.200%		
7) Chloroethane-d5	1.911	69	98568	6.102	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 122.000%		
11) 1,1-Dichloroethene-d2	2.563	65	53952	5.842	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 116.800%		
20) 2-Butanone-d5	4.628	46	243348	57.088	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.180%		
24) Chloroform-d	5.055	84	235924	5.772	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 115.400%		
26) 1,2-Dichloroethane-d4	5.695	65	107642	5.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.400%		
32) Benzene-d6	5.724	84	449274	5.915	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 118.400%		
36) 1,2-Dichloropropane-d6	6.685	67	138760	5.837	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 116.800%		
41) Toluene-d8	7.894	98	396050	5.834	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.600%		
43) trans-1,3-Dichloroprop...	8.174	79	52780	5.725	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 114.400%		
46) 2-Hexanone-d5	8.627	63	199255	57.303	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 114.600%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	97480	5.667	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 113.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	129379	5.297	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 106.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	131577	4.986	ug/L	99
3) Chloromethane	1.518	50	133501	5.145	ug/L	100
5) Vinyl chloride	1.602	62	135620	5.264	ug/L	99
6) Bromomethane	1.856	94	79074	5.205	ug/L	99
8) Chloroethane	1.933	64	79456	5.264	ug/L	99
9) Trichlorofluoromethane	2.136	101	188574	5.193	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	119664	5.373	ug/L	97
12) 1,1-Dichloroethene	2.576	96	108070	5.286	ug/L	98
13) Acetone	2.640	43	136323	52.477	ug/L	99
14) Carbon disulfide	2.792	76	346093	4.879	ug/L	100
15) Methyl Acetate	2.952	43	36777	5.201	ug/L	96
16) Methylene chloride	3.042	84	113906	5.114	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	233859	5.159	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	109106	5.264	ug/L	96
19) 1,1-Dichloroethane	3.862	63	210095	5.269	ug/L	99
21) 2-Butanone	4.708	43	216321	49.379	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	120706	5.353	ug/L	97
23) Bromochloromethane	4.968	128	50360	5.334	ug/L	92
25) Chloroform	5.081	83	220663	5.283	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	124535	5.041	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	192187	5.429	ug/L	99
30) Cyclohexane	5.383	56	175984	5.297	ug/L	99
31) Carbon tetrachloride	5.518	117	165574	5.382	ug/L	99
33) Benzene	5.769	78	464523	5.398	ug/L	100
34) Trichloroethene	6.537	95	120840	5.119	ug/L	98
35) Methylcyclohexane	6.759	83	186080	5.341	ug/L	99
37) 1,2-Dichloropropane	6.785	63	118129	5.366	ug/L	100
38) Bromodichloromethane	7.100	83	149914	5.340	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	168707	5.258	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	558618	53.438	ug/L	99
42) Toluene	7.965	91	496678	5.578	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	137762	5.239	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	78512	5.275	ug/L	96
47) Tetrachloroethene	8.547	164	89629	5.425	ug/L	96
48) 2-Hexanone	8.679	43	407678	54.757	ug/L	100
49) Dibromochloromethane	8.804	129	91744	5.363	ug/L	98
50) 1,2-Dibromoethane	8.920	107	73375	5.312	ug/L	94
51) Chlorobenzene	9.444	112	302073	5.322	ug/L	97
52) Ethylbenzene	9.566	91	530182	5.397	ug/L	99
53) m,p-Xylene	9.688	106	196357	5.365	ug/L	97
54) o-Xylene	10.097	106	188335	5.402	ug/L	96
55) Styrene	10.113	104	319906	5.588	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	94566	5.259	ug/L #	97
59) Bromoform	10.286	173	50650	4.992	ug/L	97
60) Isopropylbenzene	10.479	105	516226	5.259	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	66563	4.989	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	417306	5.201	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	417390	5.238	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	239121	5.149	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	233787	5.113	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	218793	5.172	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	12613	4.735	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	176739	5.037	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	137274	4.940	ug/L	99
71) Naphthalene	14.084	128	177192	4.358	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	109914	4.659	ug/L	98

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

