

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
 Data File : VU051386.D
 Acq On : 12 Oct 2022 12:20
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005176

Quant Time: Oct 13 01:35:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 23:36:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	211717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	227080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	114042	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	106067	6.211	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 124.200%	
7) Chloroethane-d5	1.909	69	76749	5.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 104.600%	
11) 1,1-Dichloroethene-d2	2.565	65	37074	5.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 109.800%	
20) 2-Butanone-d5	4.623	46	177731	47.269	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 94.540%	
24) Chloroform-d	5.063	84	166360	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.400%	
26) 1,2-Dichloroethane-d4	5.700	65	83949	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.200%	
32) Benzene-d6	5.726	84	324090	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.800%	
36) 1,2-Dichloropropane-d6	6.690	67	104397	4.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 98.400%	
41) Toluene-d8	7.896	98	295063	5.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 105.600%	
43) trans-1,3-Dichloroprop...	8.179	79	36713	5.267	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 105.400%	
46) 2-Hexanone-d5	8.632	63	112723	47.984	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 95.960%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	81994	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 96.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	91822	4.632	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 92.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	82521	4.778	ug/L	99
3) Chloromethane	1.520	50	111936	4.616	ug/L	98
5) Vinyl chloride	1.600	62	103736	4.361	ug/L	98
6) Bromomethane	1.854	94	62258	4.807	ug/L	99
8) Chloroethane	1.932	64	66387	4.376	ug/L	97
9) Trichlorofluoromethane	2.137	101	117818	4.297	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	80608	4.899	ug/L	99
12) 1,1-Dichloroethene	2.578	96	72160	4.674	ug/L	98
13) Acetone	2.626	43	149144	52.886	ug/L	99
14) Carbon disulfide	2.790	76	219515	4.642	ug/L	96
15) Methyl Acetate	2.951	43	35586	5.191	ug/L	95
16) Methylene chloride	3.041	84	121452	5.327	ug/L	96
17) Methyl tert-butyl Ether	3.362	73	180775	5.111	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	81208	5.000	ug/L	96
19) 1,1-Dichloroethane	3.867	63	178155	5.315	ug/L	98
21) 2-Butanone	4.703	43	230513	51.865	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	93567	5.200	ug/L	98
23) Bromochloromethane	4.973	128	45328	5.280	ug/L	97
25) Chloroform	5.086	83	181955	5.197	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	111556	5.319	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	133315	4.900	ug/L	97
30) Cyclohexane	5.385	56	100479	4.354	ug/L	97
31) Carbon tetrachloride	5.523	117	110313	4.791	ug/L	99
33) Benzene	5.774	78	381497	5.032	ug/L	100
34) Trichloroethene	6.542	95	92059	4.868	ug/L	97
35) Methylcyclohexane	6.761	83	106132	4.448	ug/L	99
37) 1,2-Dichloropropane	6.790	63	107074	5.153	ug/L	99
38) Bromodichloromethane	7.105	83	129252	5.215	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	127652	5.111	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	555095	50.920	ug/L	99
42) Toluene	7.967	91	402793	5.006	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	115789	5.361	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	75515	5.176	ug/L	99
47) Tetrachloroethene	8.552	164	65189	4.688	ug/L	97
48) 2-Hexanone	8.684	43	437489	53.899	ug/L	97
49) Dibromochloromethane	8.809	129	84586	5.164	ug/L	98
50) 1,2-Dibromoethane	8.922	107	67936	5.231	ug/L	97
51) Chlorobenzene	9.446	112	248391	5.166	ug/L	98
52) Ethylbenzene	9.568	91	362088	5.007	ug/L	96
53) m,p-Xylene	9.693	106	144957	5.169	ug/L	100
54) o-Xylene	10.099	106	138972	5.237	ug/L	96
55) Styrene	10.115	104	247867	5.426	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	91915	5.090	ug/L	99
59) Bromoform	10.288	173	46951	4.949	ug/L	97
60) Isopropylbenzene	10.484	105	347558	4.812	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	67250	4.670	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	84972	4.435	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	250397	4.621	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	188553	5.277	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	188426	5.350	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	174670	5.029	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	14566	5.288	ug/L	88
69) 1,3,5-Trichlorobenzene	13.217	180	129545	5.260	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	100899	5.764	ug/L	97
71) Naphthalene	14.085	128	161018	4.949	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	98889	5.461	ug/L	100

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

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