

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056577.D
 Acq On : 22 Nov 2023 09:02
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005173

Quant Time: Nov 23 03:41:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	285889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	277212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	140176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	115037	5.380	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 107.600%	
7) Chloroethane-d5	1.908	69	78622	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 96.000%	
11) 1,1-Dichloroethene-d2	2.563	65	50113	5.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 106.200%	
20) 2-Butanone-d5	4.621	46	238851	56.017	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 112.040%	
24) Chloroform-d	5.055	84	218332	5.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 105.600%	
26) 1,2-Dichloroethane-d4	5.695	65	104835	5.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.800%	
32) Benzene-d6	5.721	84	408952	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 99.000%	
36) 1,2-Dichloropropane-d6	6.685	67	124965	5.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 100.400%	
41) Toluene-d8	7.894	98	377130	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.400%	
43) trans-1,3-Dichloroprop...	8.174	79	48571	5.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.800%	
46) 2-Hexanone-d5	8.631	63	206359	55.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.000%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93006	5.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 104.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	125751	4.856	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 97.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	124553	5.499	ug/L	98
3) Chloromethane	1.515	50	116559	5.035	ug/L	98
5) Vinyl chloride	1.602	62	117301	5.260	ug/L	96
6) Bromomethane	1.853	94	56528	5.007	ug/L	92
8) Chloroethane	1.927	64	66720	4.897	ug/L	97
9) Trichlorofluoromethane	2.133	101	186179	5.793	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	114590	6.005	ug/L	100
12) 1,1-Dichloroethene	2.576	96	97945	5.597	ug/L	87
13) Acetone	2.631	43	191761	52.804	ug/L	99
14) Carbon disulfide	2.789	76	258575	4.540	ug/L	100
15) Methyl Acetate	2.946	43	35473	5.489	ug/L	99
16) Methylene chloride	3.039	84	124213	5.363	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	240652	5.660	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	98946	5.495	ug/L	97
19) 1,1-Dichloroethane	3.862	63	206854	5.799	ug/L	98
21) 2-Butanone	4.702	43	255723	54.267	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	114036	5.584	ug/L	99
23) Bromochloromethane	4.968	128	47794	5.686	ug/L	93
25) Chloroform	5.081	83	221403	5.729	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	129775	5.915	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	190167	5.976	ug/L	98
30) Cyclohexane	5.383	56	154159	5.104	ug/L	99
31) Carbon tetrachloride	5.518	117	161755	5.918	ug/L	97
33) Benzene	5.769	78	447479	5.657	ug/L	100
34) Trichloroethene	6.538	95	118604	5.503	ug/L	97
35) Methylcyclohexane	6.759	83	163883	5.267	ug/L	99
37) 1,2-Dichloropropane	6.785	63	118289	5.735	ug/L	100
38) Bromodichloromethane	7.100	83	151377	5.685	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	169303	5.586	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	588832	57.587	ug/L	99
42) Toluene	7.965	91	477459	5.830	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	142047	5.879	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	81143	5.907	ug/L	97
47) Tetrachloroethene	8.547	164	85456	5.880	ug/L	97
48) 2-Hexanone	8.682	43	452060	56.750	ug/L	98
49) Dibromochloromethane	8.804	129	94494	6.049	ug/L	100
50) 1,2-Dibromoethane	8.920	107	72375	5.581	ug/L	99
51) Chlorobenzene	9.444	112	300342	5.708	ug/L	100
52) Ethylbenzene	9.566	91	525524	5.779	ug/L	99
53) m,p-Xylene	9.692	106	200269	5.991	ug/L	96
54) o-Xylene	10.097	106	191422	5.895	ug/L	99
55) Styrene	10.113	104	332689	6.159	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	96383	5.746	ug/L	98
59) Bromoform	10.287	173	54110	6.197	ug/L	99
60) Isopropylbenzene	10.480	105	533273	5.899	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	70276	5.843	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	431442	5.813	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	433402	5.915	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	240706	5.853	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	233170	5.653	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	219579	5.820	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	13627	5.304	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	178154	5.754	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	134463	5.332	ug/L	99
71) Naphthalene	14.084	128	188597	4.950	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	113440	5.461	ug/L	96

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

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