

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056300.D
 Acq On : 14 Nov 2023 12:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

Quant Time: Nov 15 00:40:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	321115	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	305991	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	157783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	97751	4.070	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.907	69	79474	4.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.563	65	48572	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.618	46	213412	44.560	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.120%
24) Chloroform-d	5.058	84	202858	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	97457	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.721	84	401245	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.685	67	121394	4.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.894	98	360095	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.177	79	48395	4.592	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.627	63	199999	48.295	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	91451	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	121442	4.166	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	123637	4.859	ug/L	98
3) Chloromethane	1.518	50	116195	4.469	ug/L	98
5) Vinyl chloride	1.602	62	115609	4.615	ug/L	100
6) Bromomethane	1.853	94	58369	4.603	ug/L	99
8) Chloroethane	1.930	64	72872	4.762	ug/L	95
9) Trichlorofluoromethane	2.136	101	182145	5.046	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	109950	5.130	ug/L	99
12) 1,1-Dichloroethene	2.576	96	101382	5.158	ug/L	96
13) Acetone	2.628	43	190943	46.811	ug/L	99
14) Carbon disulfide	2.788	76	320170	5.005	ug/L	97
15) Methyl Acetate	2.949	43	36134	4.978	ug/L	98
16) Methylene chloride	3.042	84	111122	4.272	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	244761	5.125	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	106877	5.284	ug/L	96
19) 1,1-Dichloroethane	3.862	63	196215	4.898	ug/L	98
21) 2-Butanone	4.698	43	247842	46.825	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	110741	4.828	ug/L	99
23) Bromochloromethane	4.968	128	46847	4.962	ug/L	95
25) Chloroform	5.081	83	204152	4.703	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	120550	4.892	ug/L #	95
29) 1,1,1-Trichloroethane	5.309	97	179402	5.108	ug/L	99
30) Cyclohexane	5.383	56	163220	4.896	ug/L	99
31) Carbon tetrachloride	5.518	117	152054	5.040	ug/L	97
33) Benzene	5.769	78	432983	4.959	ug/L	100
34) Trichloroethene	6.537	95	116449	4.895	ug/L	97
35) Methylcyclohexane	6.756	83	173380	5.048	ug/L	100
37) 1,2-Dichloropropane	6.785	63	112023	4.920	ug/L	99
38) Bromodichloromethane	7.100	83	140720	4.787	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	167285	5.000	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	563930	49.965	ug/L	99
42) Toluene	7.965	91	461785	5.109	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	135452	5.079	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	77057	5.082	ug/L	97
47) Tetrachloroethene	8.547	164	81534	5.083	ug/L	96
48) 2-Hexanone	8.679	43	435542	49.534	ug/L	99
49) Dibromochloromethane	8.804	129	85138	4.937	ug/L	100
50) 1,2-Dibromoethane	8.917	107	68248	4.767	ug/L	93
51) Chlorobenzene	9.441	112	292237	5.031	ug/L	99
52) Ethylbenzene	9.566	91	517721	5.158	ug/L	99
53) m,p-Xylene	9.688	106	192272	5.211	ug/L	100
54) o-Xylene	10.097	106	188909	5.270	ug/L	96
55) Styrene	10.110	104	318947	5.349	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	92148	4.977	ug/L	99
59) Bromoform	10.286	173	47095	4.792	ug/L	98
60) Isopropylbenzene	10.479	105	511092	5.023	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	64851	4.790	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	417981	5.003	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	423269	5.132	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	233083	5.036	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	228997	4.932	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	209192	4.926	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	12670	4.382	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	172570	4.952	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	144601	5.094	ug/L	99
71) Naphthalene	14.081	128	216194	5.041	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	117803	5.038	ug/L	99

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

