

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057211.D
 Acq On : 22 Dec 2023 23:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005106

Quant Time: Dec 23 00:09:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177325	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	173520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82517	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	77343	4.563	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.911	69	66970	4.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.563	65	32691	4.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.621	46	158401	59.525	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.040%
24) Chloroform-d	5.055	84	165062	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.695	65	79461	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.721	84	301166	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.682	67	91160	5.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.891	98	268888	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.174	79	34614	4.910	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.627	63	140325	58.459	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	68394	5.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	87781	4.944	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	84486	5.095	ug/L	100
3) Chloromethane	1.518	50	81562	5.613	ug/L	98
5) Vinyl chloride	1.602	62	87999	5.677	ug/L	97
6) Bromomethane	1.856	94	39194	5.781	ug/L	97
8) Chloroethane	1.933	64	52615	5.346	ug/L	98
9) Trichlorofluoromethane	2.136	101	143668	5.044	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	79643	5.401	ug/L	99
12) 1,1-Dichloroethene	2.576	96	67841	5.117	ug/L	94
13) Acetone	2.637	43	86617	54.137	ug/L	100
14) Carbon disulfide	2.788	76	199794	4.790	ug/L	99
15) Methyl Acetate	2.949	43	23270	6.167	ug/L	97
16) Methylene chloride	3.039	84	81145	5.265	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	159881	5.679	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	69673	5.390	ug/L	96
19) 1,1-Dichloroethane	3.859	63	143173	5.581	ug/L	97
21) 2-Butanone	4.701	43	140496	57.619	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	78770	5.533	ug/L	98
23) Bromochloromethane	4.965	128	34687	5.623	ug/L	94
25) Chloroform	5.081	83	152277	5.262	ug/L	98

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 ClientSampleId :
 VSTD005106

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	89451	5.239	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	141018	5.114	ug/L	99
30) Cyclohexane	5.380	56	100675	5.400	ug/L	98
31) Carbon tetrachloride	5.518	117	123197	5.079	ug/L	99
33) Benzene	5.766	78	304415	5.534	ug/L	100
34) Trichloroethene	6.537	95	82422	5.124	ug/L	92
35) Methylcyclohexane	6.759	83	107439	5.073	ug/L	98
37) 1,2-Dichloropropane	6.782	63	78866	5.764	ug/L	100
38) Bromodichloromethane	7.097	83	107030	5.406	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	111918	5.437	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	354141	59.536	ug/L	99
42) Toluene	7.962	91	323537	5.550	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	96290	5.482	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	56098	5.942	ug/L	93
47) Tetrachloroethene	8.547	164	60104	5.214	ug/L	98
48) 2-Hexanone	8.679	43	258323	59.026	ug/L	99
49) Dibromochloromethane	8.804	129	65238	5.331	ug/L	98
50) 1,2-Dibromoethane	8.917	107	51412	5.801	ug/L	98
51) Chlorobenzene	9.441	112	202869	5.347	ug/L	97
52) Ethylbenzene	9.563	91	345997	5.267	ug/L	97
53) m,p-Xylene	9.688	106	126310	5.257	ug/L	98
54) o-Xylene	10.094	106	122373	5.278	ug/L	90
55) Styrene	10.110	104	209773	5.486	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	66010	5.799	ug/L	98
59) Bromoform	10.283	173	37013	5.845	ug/L	98
60) Isopropylbenzene	10.479	105	334673	5.501	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	45925	5.973	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	239510	4.804	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	234487	4.766	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	152338	5.298	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	146438	5.059	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	138395	5.381	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	9342	5.357	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	82025	3.834	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	58443	3.489	ug/L	98
71) Naphthalene	14.081	128	76032	3.588	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	46336	3.546	ug/L	97

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

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