

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112923\
 Data File : VU056634.D
 Acq On : 29 Nov 2023 09:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005181

Quant Time: Nov 29 23:26:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 28 23:48:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	271923	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	268344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	101889	5.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.911	69	77185	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.560	65	44413	4.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	4.628	46	246896	60.878	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.760%
24) Chloroform-d	5.055	84	216160	5.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.695	65	98389	5.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.721	84	395787	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.685	67	121922	5.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.894	98	349275	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.177	79	46006	4.978	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.637	63	201202	55.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.800%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93719	5.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	119781	4.883	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	103539	4.806	ug/L	100
3) Chloromethane	1.515	50	99775	4.532	ug/L	95
5) Vinyl chloride	1.602	62	105412	4.969	ug/L	97
6) Bromomethane	1.856	94	56395	5.252	ug/L	97
8) Chloroethane	1.930	64	62727	4.841	ug/L	95
9) Trichlorofluoromethane	2.132	101	166543	5.448	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	107090	5.901	ug/L	99
12) 1,1-Dichloroethene	2.576	96	89930	5.403	ug/L	93
13) Acetone	2.637	43	175197	50.720	ug/L	100
14) Carbon disulfide	2.788	76	225312	4.160	ug/L	98
15) Methyl Acetate	2.952	43	33405	5.434	ug/L	99
16) Methylene chloride	3.039	84	110182	5.002	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	221508	5.477	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	90347	5.275	ug/L	97
19) 1,1-Dichloroethane	3.859	63	195690	5.768	ug/L	98
21) 2-Butanone	4.708	43	234423	52.302	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	107398	5.529	ug/L	98
23) Bromochloromethane	4.968	128	43816	5.481	ug/L	96
25) Chloroform	5.081	83	207345	5.641	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116714	5.593	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	177932	5.777	ug/L	99
30) Cyclohexane	5.383	56	136614	4.673	ug/L	99
31) Carbon tetrachloride	5.518	117	146233	5.527	ug/L	99
33) Benzene	5.769	78	408300	5.333	ug/L	100
34) Trichloroethene	6.537	95	114147	5.472	ug/L	96
35) Methylcyclohexane	6.759	83	144546	4.799	ug/L	98
37) 1,2-Dichloropropane	6.785	63	109917	5.505	ug/L	99
38) Bromodichloromethane	7.100	83	139221	5.401	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	153347	5.227	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	547762	55.341	ug/L	100
42) Toluene	7.965	91	434455	5.481	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	126861	5.424	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	74108	5.573	ug/L	97
47) Tetrachloroethene	8.550	164	74337	5.284	ug/L	98
48) 2-Hexanone	8.685	43	407395	52.833	ug/L	99
49) Dibromochloromethane	8.804	129	85172	5.632	ug/L	97
50) 1,2-Dibromoethane	8.920	107	68061	5.421	ug/L	96
51) Chlorobenzene	9.444	112	276407	5.427	ug/L	100
52) Ethylbenzene	9.566	91	476914	5.418	ug/L	99
53) m,p-Xylene	9.692	106	177769	5.493	ug/L	99
54) o-Xylene	10.097	106	172055	5.474	ug/L	99
55) Styrene	10.113	104	291680	5.578	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	91435	5.631	ug/L	96
59) Bromoform	10.290	173	48045	5.809	ug/L	98
60) Isopropylbenzene	10.479	105	476651	5.567	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	64906	5.697	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	385018	5.476	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	393119	5.665	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	220624	5.664	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	216116	5.532	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	199774	5.591	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	11173	4.592	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	162131	5.529	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	117790	4.932	ug/L	99
71) Naphthalene	14.084	128	150515	4.171	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	93506	4.752	ug/L	96

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

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