

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056539.D
 Acq On : 21 Nov 2023 09:29
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005170

Quant Time: Nov 21 23:27:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	311301	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	291907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	146254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	113501	4.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.911	69	76521	4.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.563	65	48490	4.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.621	46	206422	44.460	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.920%
24) Chloroform-d	5.058	84	207510	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.695	65	99966	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.721	84	418388	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.685	67	125427	4.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.894	98	369183	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.177	79	48351	4.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.627	63	185560	46.970	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.940%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	88331	4.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	120749	4.469	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	105431	4.275	ug/L	98
3) Chloromethane	1.518	50	95534	3.790	ug/L	97
5) Vinyl chloride	1.602	62	98734	4.066	ug/L	100
6) Bromomethane	1.856	94	48243	3.925	ug/L	93
8) Chloroethane	1.930	64	58490	3.943	ug/L	93
9) Trichlorofluoromethane	2.136	101	165199	4.720	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	98829	4.757	ug/L	98
12) 1,1-Dichloroethene	2.576	96	83099	4.361	ug/L	92
13) Acetone	2.631	43	161172	40.758	ug/L	99
14) Carbon disulfide	2.792	76	232129	3.743	ug/L	98
15) Methyl Acetate	2.949	43	29738	4.226	ug/L	97
16) Methylene chloride	3.042	84	101810	4.037	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	210494	4.546	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	83824	4.275	ug/L	95
19) 1,1-Dichloroethane	3.862	63	174921	4.504	ug/L	95
21) 2-Butanone	4.702	43	208421	40.618	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	101894	4.582	ug/L	96
23) Bromochloromethane	4.968	128	41476	4.532	ug/L	94
25) Chloroform	5.081	83	191853	4.559	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	115768	4.846	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	165638	4.943	ug/L	100
30) Cyclohexane	5.383	56	138071	4.342	ug/L	99
31) Carbon tetrachloride	5.521	117	141916	4.931	ug/L	96
33) Benzene	5.769	78	402263	4.830	ug/L	100
34) Trichloroethene	6.537	95	110156	4.854	ug/L	98
35) Methylcyclohexane	6.759	83	149039	4.549	ug/L	98
37) 1,2-Dichloropropane	6.785	63	107376	4.943	ug/L	100
38) Bromodichloromethane	7.100	83	135440	4.830	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	150338	4.710	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	484578	45.005	ug/L	98
42) Toluene	7.965	91	411142	4.768	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	122371	4.809	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	69820	4.827	ug/L	97
47) Tetrachloroethene	8.550	164	74916	4.896	ug/L	99
48) 2-Hexanone	8.679	43	370464	44.165	ug/L	99
49) Dibromochloromethane	8.804	129	81172	4.934	ug/L	99
50) 1,2-Dibromoethane	8.920	107	64302	4.708	ug/L	99
51) Chlorobenzene	9.444	112	265633	4.794	ug/L	98
52) Ethylbenzene	9.566	91	457059	4.773	ug/L	100
53) m,p-Xylene	9.692	106	170278	4.837	ug/L	100
54) o-Xylene	10.097	106	172124	5.034	ug/L	98
55) Styrene	10.113	104	293415	5.159	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	87796	4.971	ug/L	96
59) Bromoform	10.287	173	45617	5.007	ug/L	98
60) Isopropylbenzene	10.479	105	480061	5.090	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	59413	4.735	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	388149	5.012	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	387247	5.066	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	210557	4.907	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	202682	4.709	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	192858	4.900	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11049	4.122	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	161489	4.999	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	125186	4.758	ug/L	100
71) Naphthalene	14.084	128	177336	4.461	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	102481	4.728	ug/L	98

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

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