

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091223\
 Data File : VU055264.D
 Acq On : 12 Sep 2023 21:46
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005119

Quant Time: Sep 13 01:51:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	183433	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	201197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	109538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33423	3.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	55420	5.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	2.563	65	18502	3.777	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.628	46	158941	63.708	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.420%
24) Chloroform-d	5.062	84	118135	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.698	65	61238	5.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.724	84	213233	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.689	67	73308	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.898	98	200458	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.177	79	19957	4.588	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.634	63	111678	63.237	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59285	5.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	76210	4.767	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48229	4.525	ug/L	99
3) Chloromethane	1.518	50	47704	4.396	ug/L	97
5) Vinyl chloride	1.599	62	51965	4.539	ug/L	97
6) Bromomethane	1.853	94	44240	6.408	ug/L	100
8) Chloroethane	1.927	64	42522	5.705	ug/L	99
9) Trichlorofluoromethane	2.132	101	91105	5.473	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46538	4.805	ug/L	97
12) 1,1-Dichloroethene	2.576	96	38281	4.514	ug/L	89
13) Acetone	2.631	43	79550	47.575	ug/L	100
14) Carbon disulfide	2.788	76	84735	4.080	ug/L	99
15) Methyl Acetate	2.952	43	18781	5.487	ug/L	94
16) Methylene chloride	3.039	84	70540	5.444	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	118559	5.331	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	41166	4.784	ug/L	89
19) 1,1-Dichloroethane	3.866	63	95778	5.151	ug/L	98
21) 2-Butanone	4.705	43	126371	51.439	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	54129	5.139	ug/L	96
23) Bromochloromethane	4.972	128	23678	5.466	ug/L	93
25) Chloroform	5.084	83	105419	5.443	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	66575	5.632	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	80896	4.648	ug/L	98
30) Cyclohexane	5.386	56	60287	3.895	ug/L	95
31) Carbon tetrachloride	5.521	117	67305	4.651	ug/L	99
33) Benzene	5.772	78	211975	4.950	ug/L	100
34) Trichloroethene	6.541	95	58389	4.906	ug/L	96
35) Methylcyclohexane	6.763	83	66683	3.994	ug/L	97
37) 1,2-Dichloropropane	6.788	63	59338	5.090	ug/L	99
38) Bromodichloromethane	7.103	83	68872	4.948	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	76521	4.826	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	344404	51.790	ug/L	96
42) Toluene	7.968	91	239316	5.242	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	64267	5.164	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	46226	5.887	ug/L	98
47) Tetrachloroethene	8.550	164	39633	4.819	ug/L	97
48) 2-Hexanone	8.682	43	263669	50.619	ug/L	96
49) Dibromochloromethane	8.807	129	46593	5.436	ug/L	95
50) 1,2-Dibromoethane	8.920	107	41341	5.782	ug/L #	92
51) Chlorobenzene	9.447	112	158192	5.232	ug/L	97
52) Ethylbenzene	9.569	91	253751	4.969	ug/L	99
53) m,p-Xylene	9.692	106	94119	4.980	ug/L	97
54) o-Xylene	10.100	106	94456	5.079	ug/L	97
55) Styrene	10.113	104	158982	5.177	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	48181	4.926	ug/L	96
59) Bromoform	10.290	173	23241	5.310	ug/L	96
60) Isopropylbenzene	10.483	105	255376	5.000	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	41827	5.754	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	202087	4.756	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	196431	4.691	ug/L	100
64) 1,3-Dichlorobenzene	11.746	146	116928	4.768	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	118897	4.865	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	114438	4.978	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.997	75	7283	5.201	ug/L	86
69) 1,3,5-Trichlorobenzene	13.219	180	75965	4.099	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	57360	3.301	ug/L	97
71) Naphthalene	14.087	128	88209	2.793	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	50569	3.353	ug/L	98

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

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