

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056323.D
 Acq On : 14 Nov 2023 22:19
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005153

Quant Time: Nov 15 02:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 01:36:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	297179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	288317	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	149677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93649	4.213	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.907	69	74918	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.563	65	44480	4.534	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.618	46	216094	48.755	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.500%
24) Chloroform-d	5.058	84	207292	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	97964	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.721	84	390430	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	119032	4.598	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.894	98	351436	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.177	79	45973	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.627	63	202908	52.001	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	91400	4.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	121332	4.388	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	127423	5.412	ug/L	99
3) Chloromethane	1.518	50	115615	4.805	ug/L	97
5) Vinyl chloride	1.602	62	118849	5.126	ug/L	99
6) Bromomethane	1.853	94	55593	4.738	ug/L	90
8) Chloroethane	1.930	64	74149	5.236	ug/L	95
9) Trichlorofluoromethane	2.136	101	180880	5.414	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	106282	5.358	ug/L	99
12) 1,1-Dichloroethene	2.576	96	96120	5.284	ug/L	94
13) Acetone	2.628	43	136288	36.103	ug/L	96
14) Carbon disulfide	2.788	76	303220	5.122	ug/L	98
15) Methyl Acetate	2.946	43	35468	5.280	ug/L	96
16) Methylene chloride	3.039	84	107735	4.475	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	242488	5.486	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	103142	5.511	ug/L	98
19) 1,1-Dichloroethane	3.862	63	195443	5.271	ug/L	99
21) 2-Butanone	4.698	43	227546	46.453	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	115889	5.460	ug/L	97
23) Bromochloromethane	4.968	128	48647	5.568	ug/L	94
25) Chloroform	5.081	83	210498	5.240	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	124397	5.454	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	181976	5.499	ug/L	99
30) Cyclohexane	5.383	56	167840	5.343	ug/L	99
31) Carbon tetrachloride	5.518	117	156307	5.499	ug/L	99
33) Benzene	5.769	78	440067	5.349	ug/L	100
34) Trichloroethene	6.537	95	119988	5.353	ug/L	96
35) Methylcyclohexane	6.756	83	171190	5.290	ug/L	99
37) 1,2-Dichloropropane	6.785	63	115662	5.391	ug/L	99
38) Bromodichloromethane	7.100	83	146696	5.297	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	163453	5.185	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	579412	54.483	ug/L	98
42) Toluene	7.965	91	466100	5.473	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	132991	5.292	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	79221	5.545	ug/L	96
47) Tetrachloroethene	8.547	164	83802	5.544	ug/L	98
48) 2-Hexanone	8.679	43	422035	50.940	ug/L	99
49) Dibromochloromethane	8.804	129	89738	5.523	ug/L	98
50) 1,2-Dibromoethane	8.917	107	72755	5.394	ug/L	100
51) Chlorobenzene	9.441	112	293983	5.372	ug/L	99
52) Ethylbenzene	9.566	91	521621	5.515	ug/L	98
53) m,p-Xylene	9.688	106	192685	5.542	ug/L	96
54) o-Xylene	10.097	106	183892	5.445	ug/L	99
55) Styrene	10.110	104	321241	5.718	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	96905	5.555	ug/L	94
59) Bromoform	10.287	173	49648	5.325	ug/L	97
60) Isopropylbenzene	10.479	105	510775	5.291	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	68543	5.337	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	419512	5.293	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	430790	5.506	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	235536	5.364	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	237267	5.387	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	215456	5.348	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	13299	4.848	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	169938	5.140	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	140183	5.206	ug/L	99
71) Naphthalene	14.081	128	218901	5.381	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	118833	5.357	ug/L	98

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

