

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055203.D
 Acq On : 07 Sep 2023 21:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005116

Quant Time: Sep 08 05:11:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	94905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42012	5.389	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 107.800%	
7) Chloroethane-d5	1.907	69	49812	5.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 110.400%	
11) 1,1-Dichloroethene-d2	2.560	65	23925	5.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 107.800%	
20) 2-Butanone-d5	4.624	46	142688	63.074	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 126.140%	
24) Chloroform-d	5.062	84	110422	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.800%	
26) 1,2-Dichloroethane-d4	5.698	65	57214	5.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.600%	
32) Benzene-d6	5.724	84	215517	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.200%	
36) 1,2-Dichloropropane-d6	6.689	67	71705	5.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.800%	
41) Toluene-d8	7.898	98	200300	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.000%	
43) trans-1,3-Dichloroprop...	8.177	79	18284	4.945	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 99.000%	
46) 2-Hexanone-d5	8.631	63	83061	55.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.660%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54861	5.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 116.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	71106	5.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 102.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	46626	4.824	ug/L	98
3) Chloromethane	1.515	50	48969	4.977	ug/L	94
5) Vinyl chloride	1.599	62	52023	5.012	ug/L	100
6) Bromomethane	1.853	94	30491	4.870	ug/L	96
8) Chloroethane	1.930	64	35455	5.246	ug/L	93
9) Trichlorofluoromethane	2.132	101	72712	4.817	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	44811	5.102	ug/L	96
12) 1,1-Dichloroethene	2.576	96	38369	4.990	ug/L	98
13) Acetone	2.631	43	75421	49.743	ug/L	98
14) Carbon disulfide	2.788	76	87575	4.650	ug/L	99
15) Methyl Acetate	2.952	43	18967	6.112	ug/L	98
16) Methylene chloride	3.039	84	70919	6.036	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	106156	5.264	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	39245	5.030	ug/L	91
19) 1,1-Dichloroethane	3.866	63	87665	5.199	ug/L	98
21) 2-Butanone	4.705	43	126819	56.928	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	48263	5.054	ug/L	98
23) Bromochloromethane	4.975	128	21144	5.383	ug/L #	91
25) Chloroform	5.084	83	94915	5.405	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	56590	5.280	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	72488	4.900	ug/L	97
30) Cyclohexane	5.386	56	61413	4.669	ug/L	99
31) Carbon tetrachloride	5.521	117	61161	4.972	ug/L	97
33) Benzene	5.772	78	181547	4.988	ug/L	100
34) Trichloroethene	6.544	95	48845	4.829	ug/L	96
35) Methylcyclohexane	6.759	83	64670	4.557	ug/L	99
37) 1,2-Dichloropropane	6.788	63	53336	5.383	ug/L	98
38) Bromodichloromethane	7.103	83	60949	5.152	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	68098	5.053	ug/L	93
40) 4-Methyl-2-pentanone	7.788	43	314238	55.594	ug/L	99
42) Toluene	7.968	91	194649	5.017	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	52247	4.939	ug/L	87
45) 1,1,2-Trichloroethane	8.399	97	37029	5.548	ug/L	97
47) Tetrachloroethene	8.553	164	33940	4.855	ug/L	97
48) 2-Hexanone	8.682	43	246643	55.709	ug/L	99
49) Dibromochloromethane	8.807	129	38406	5.271	ug/L	91
50) 1,2-Dibromoethane	8.923	107	33706	5.546	ug/L	94
51) Chlorobenzene	9.447	112	127888	4.977	ug/L	98
52) Ethylbenzene	9.569	91	209646	4.830	ug/L	100
53) m,p-Xylene	9.695	106	77488	4.824	ug/L	96
54) o-Xylene	10.100	106	76054	4.812	ug/L	98
55) Styrene	10.113	104	128532	4.924	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.782	83	46731	5.621	ug/L	94
59) Bromoform	10.290	173	19069	5.029	ug/L	96
60) Isopropylbenzene	10.483	105	208740	4.717	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	34485	5.476	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	164558	4.470	ug/L	98
63) 1,2,4-Trimethylbenzene	11.470	105	150477	4.147	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	99136	4.666	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	93227	4.403	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	90503	4.544	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	6010	4.954	ug/L	91
69) 1,3,5-Trichlorobenzene	13.219	180	62542	3.895	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	50700	3.368	ug/L	96
71) Naphthalene	14.090	128	76559	2.798	ug/L	99
72) 1,2,3-Trichlorobenzene	14.331	180	44895	3.436	ug/L	98

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

