

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU113023\
 Data File : VU056648.D
 Acq On : 30 Nov 2023 16:13
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

Quant Time: Nov 30 22:28:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 30 22:25:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	251360	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	247002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126964	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89870	4.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.911	69	76274	5.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.563	65	40202	4.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.624	46	252177	67.267	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.540%#
24) Chloroform-d	5.058	84	205073	5.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
26) 1,2-Dichloroethane-d4	5.695	65	97242	5.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.800%
32) Benzene-d6	5.721	84	370825	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.685	67	119326	5.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.894	98	321332	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.177	79	45926	5.399	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.000%
46) 2-Hexanone-d5	8.631	63	203835	60.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.960%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92034	5.807	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	116738	4.977	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	83293	4.182	ug/L	96
3) Chloromethane	1.515	50	96367	4.735	ug/L	96
5) Vinyl chloride	1.602	62	96353	4.914	ug/L	96
6) Bromomethane	1.856	94	51204	5.159	ug/L	95
8) Chloroethane	1.930	64	60934	5.087	ug/L	100
9) Trichlorofluoromethane	2.136	101	142199	5.032	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	86638	5.164	ug/L	99
12) 1,1-Dichloroethene	2.576	96	81126	5.272	ug/L	98
13) Acetone	2.634	43	142192	44.533	ug/L	100
14) Carbon disulfide	2.788	76	199083	3.976	ug/L	98
15) Methyl Acetate	2.952	43	36766	6.470	ug/L	97
16) Methylene chloride	3.039	84	105303	5.171	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	225401	6.029	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	85832	5.422	ug/L	97
19) 1,1-Dichloroethane	3.862	63	185919	5.928	ug/L	97
21) 2-Butanone	4.705	43	229494	55.391	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	102873	5.730	ug/L	98
23) Bromochloromethane	4.968	128	44067	5.963	ug/L	96
25) Chloroform	5.081	83	199215	5.863	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	115713	5.998	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	160385	5.657	ug/L	98
30) Cyclohexane	5.383	56	112715	4.189	ug/L	100
31) Carbon tetrachloride	5.518	117	129720	5.327	ug/L	100
33) Benzene	5.769	78	386457	5.483	ug/L	100
34) Trichloroethene	6.537	95	103302	5.380	ug/L	99
35) Methylcyclohexane	6.759	83	117634	4.243	ug/L	98
37) 1,2-Dichloropropane	6.785	63	106780	5.810	ug/L	100
38) Bromodichloromethane	7.100	83	139077	5.862	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	153936	5.700	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	547013	60.040	ug/L	100
42) Toluene	7.965	91	404234	5.540	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	121818	5.658	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	77510	6.332	ug/L	97
47) Tetrachloroethene	8.550	164	67503	5.213	ug/L	99
48) 2-Hexanone	8.682	43	398169	56.098	ug/L	98
49) Dibromochloromethane	8.804	129	85450	6.139	ug/L	96
50) 1,2-Dibromoethane	8.920	107	67723	5.860	ug/L	99
51) Chlorobenzene	9.444	112	263184	5.613	ug/L	98
52) Ethylbenzene	9.566	91	439510	5.424	ug/L	99
53) m,p-Xylene	9.692	106	161723	5.429	ug/L	100
54) o-Xylene	10.097	106	160127	5.534	ug/L	100
55) Styrene	10.113	104	278702	5.791	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	93843	6.279	ug/L	96
59) Bromoform	10.287	173	48204	6.095	ug/L	99
60) Isopropylbenzene	10.483	105	426643	5.211	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	63773	5.854	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	350604	5.215	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	355086	5.351	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	208196	5.590	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	200745	5.373	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	190719	5.581	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	13063	5.614	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	151751	5.411	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	116579	5.104	ug/L	98
71) Naphthalene	14.084	128	165956	4.809	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	98479	5.234	ug/L	97

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

