

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU113023\
 Data File : VU056641.D
 Acq On : 30 Nov 2023 09:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005183

Quant Time: Nov 30 22:23:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 29 23:29:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263283	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	263653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	92540	4.699	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.911	69	71573	4.740	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.560	65	41724	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.624	46	246613	62.803	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.600%
24) Chloroform-d	5.055	84	208914	5.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.695	65	98738	5.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	5.721	84	380741	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	119675	5.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.894	98	333117	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.177	79	46206	5.089	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.634	63	200360	56.152	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.300%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93224	5.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	117219	4.997	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	97779	4.687	ug/L	99
3) Chloromethane	1.515	50	96747	4.538	ug/L	96
5) Vinyl chloride	1.602	62	102127	4.972	ug/L	92
6) Bromomethane	1.856	94	57361	5.518	ug/L	95
8) Chloroethane	1.930	64	61186	4.877	ug/L	95
9) Trichlorofluoromethane	2.132	101	160281	5.415	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	101985	5.804	ug/L	97
12) 1,1-Dichloroethene	2.576	96	86968	5.396	ug/L	94
13) Acetone	2.637	43	169711	50.744	ug/L	100
14) Carbon disulfide	2.788	76	214011	4.081	ug/L	100
15) Methyl Acetate	2.952	43	34794	5.846	ug/L	97
16) Methylene chloride	3.039	84	110624	5.187	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	227731	5.816	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	89378	5.390	ug/L	98
19) 1,1-Dichloroethane	3.862	63	192496	5.860	ug/L	98
21) 2-Butanone	4.708	43	232156	53.496	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	103971	5.529	ug/L	97
23) Bromochloromethane	4.968	128	44620	5.764	ug/L	94
25) Chloroform	5.081	83	208232	5.851	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	118291	5.854	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	174371	5.762	ug/L	100
30) Cyclohexane	5.383	56	134971	4.699	ug/L	99
31) Carbon tetrachloride	5.518	117	143590	5.524	ug/L	98
33) Benzene	5.769	78	408038	5.424	ug/L	100
34) Trichloroethene	6.537	95	108645	5.301	ug/L	97
35) Methylcyclohexane	6.759	83	140983	4.764	ug/L	97
37) 1,2-Dichloropropane	6.785	63	109460	5.579	ug/L	100
38) Bromodichloromethane	7.100	83	143611	5.670	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	154739	5.368	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	552935	56.857	ug/L	99
42) Toluene	7.965	91	434880	5.584	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	128995	5.613	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	78672	6.021	ug/L	94
47) Tetrachloroethene	8.550	164	74594	5.397	ug/L	95
48) 2-Hexanone	8.682	43	409388	54.036	ug/L	99
49) Dibromochloromethane	8.804	129	85802	5.775	ug/L	99
50) 1,2-Dibromoethane	8.920	107	67880	5.503	ug/L	97
51) Chlorobenzene	9.441	112	279972	5.594	ug/L	99
52) Ethylbenzene	9.566	91	472308	5.461	ug/L	99
53) m,p-Xylene	9.692	106	177732	5.590	ug/L	100
54) o-Xylene	10.097	106	171199	5.543	ug/L	100
55) Styrene	10.110	104	296652	5.774	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	96042	6.020	ug/L	98
59) Bromoform	10.287	173	49714	6.286	ug/L	99
60) Isopropylbenzene	10.479	105	475472	5.807	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	66383	6.093	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	382522	5.689	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	390069	5.878	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	221170	5.938	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	215292	5.762	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	199162	5.828	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12746	5.477	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	160127	5.710	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	118469	5.187	ug/L	99
71) Naphthalene	14.084	128	152768	4.427	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	94372	5.016	ug/L	98

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

