

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056247.D
 Acq On : 12 Nov 2023 04:11
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

Quant Time: Nov 12 08:14:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	382540	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	359542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	179453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	82782	3.486	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.800%	
7) Chloroethane-d5	1.907	69	64249	3.987	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.563	65	35591	3.402	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	4.618	46	193742	49.736	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.480%	
24) Chloroform-d	5.055	84	199174	4.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.698	65	87084	4.376	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
32) Benzene-d6	5.721	84	374581	4.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.685	67	115169	4.531	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.894	98	326038	4.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	8.174	79	43080	4.434	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.627	63	185500	58.248	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.500%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	88822	4.896	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	113474	4.100	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	130364	4.018	ug/L	96
3) Chloromethane	1.518	50	151803	4.995	ug/L	97
5) Vinyl chloride	1.602	62	141919	4.514	ug/L	98
6) Bromomethane	1.853	94	75801	4.198	ug/L	99
8) Chloroethane	1.930	64	84702	4.969	ug/L	98
9) Trichlorofluoromethane	2.136	101	187241	4.503	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	110479	4.170	ug/L	99
12) 1,1-Dichloroethene	2.576	96	112987	4.596	ug/L	96
13) Acetone	2.628	43	144128	50.170	ug/L	99
14) Carbon disulfide	2.792	76	349624	4.173	ug/L	98
15) Methyl Acetate	2.946	43	42503	5.243	ug/L	96
16) Methylene chloride	3.039	84	140517	4.984	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	290291	5.241	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	123019	4.722	ug/L	96
19) 1,1-Dichloroethane	3.862	63	236751	4.982	ug/L	95
21) 2-Butanone	4.698	43	243754	51.449	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	143777	5.112	ug/L	96
23) Bromochloromethane	4.968	128	62650	5.020	ug/L	95
25) Chloroform	5.081	83	252663	4.989	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	139739	4.875	ug/L #	93
29) 1,1,1-Trichloroethane	5.309	97	201235	4.886	ug/L	98
30) Cyclohexane	5.383	56	158089	4.108	ug/L	98
31) Carbon tetrachloride	5.518	117	165347	4.521	ug/L	99
33) Benzene	5.769	78	526713	5.116	ug/L	100
34) Trichloroethene	6.537	95	135071	4.803	ug/L	97
35) Methylcyclohexane	6.759	83	164956	3.947	ug/L	99
37) 1,2-Dichloropropane	6.785	63	136372	5.094	ug/L	99
38) Bromodichloromethane	7.100	83	172895	5.172	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	193125	5.111	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	651937	55.672	ug/L	100
42) Toluene	7.965	91	535476	4.934	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	154401	5.047	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	99162	5.418	ug/L	98
47) Tetrachloroethene	8.550	164	94839	4.494	ug/L	95
48) 2-Hexanone	8.679	43	467476	54.829	ug/L	98
49) Dibromochloromethane	8.804	129	110401	5.257	ug/L	98
50) 1,2-Dibromoethane	8.917	107	91693	5.362	ug/L	99
51) Chlorobenzene	9.441	112	339101	4.843	ug/L	99
52) Ethylbenzene	9.566	91	555386	4.696	ug/L	99
53) m,p-Xylene	9.688	106	214155	4.761	ug/L	99
54) o-Xylene	10.097	106	212246	4.922	ug/L	97
55) Styrene	10.110	104	354274	5.022	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	118398	5.505	ug/L	97
59) Bromoform	10.286	173	64906	5.208	ug/L	98
60) Isopropylbenzene	10.479	105	540261	4.643	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	79615	5.140	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	438352	4.646	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	449042	4.851	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	264424	4.799	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	265208	4.867	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	248368	4.891	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	16368	5.009	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	196735	4.767	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	163529	4.994	ug/L	99
71) Naphthalene	14.080	128	254720	5.245	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	142279	4.956	ug/L	98

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

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