

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056429.D
 Acq On : 17 Nov 2023 09:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005162

Quant Time: Nov 17 23:12:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 04:03:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	281928	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	274782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	139678	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	87007	4.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.908	69	75920	4.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.560	65	44743	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.618	46	245731	58.440	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.880%
24) Chloroform-d	5.055	84	213325	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.699	65	102628	5.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.721	84	399741	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.686	67	126581	5.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.895	98	363746	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.174	79	48467	5.122	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.628	63	212338	57.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	95638	5.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	126244	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	114509	5.126	ug/L	98
3) Chloromethane	1.515	50	105054	4.602	ug/L	95
5) Vinyl chloride	1.602	62	108001	4.911	ug/L	98
6) Bromomethane	1.853	94	58593	5.263	ug/L	95
8) Chloroethane	1.930	64	67905	5.054	ug/L	95
9) Trichlorofluoromethane	2.136	101	175249	5.529	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	104929	5.576	ug/L	99
12) 1,1-Dichloroethene	2.576	96	93908	5.441	ug/L	93
13) Acetone	2.628	43	177154	49.467	ug/L	98
14) Carbon disulfide	2.789	76	257891	4.592	ug/L	100
15) Methyl Acetate	2.946	43	33297	5.225	ug/L	98
16) Methylene chloride	3.039	84	104379	4.570	ug/L	99
17) Methyl tert-butyl Ether	3.355	73	216985	5.175	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	90149	5.077	ug/L	96
19) 1,1-Dichloroethane	3.866	63	181646	5.164	ug/L	99
21) 2-Butanone	4.699	43	238337	51.288	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	109094	5.417	ug/L	99
23) Bromochloromethane	4.969	128	45305	5.466	ug/L	94
25) Chloroform	5.081	83	197200	5.175	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	110117	5.089	ug/L	97
29) 1,1,1-Trichloroethane	5.313	97	178740	5.667	ug/L	99
30) Cyclohexane	5.383	56	147901	4.940	ug/L	98
31) Carbon tetrachloride	5.522	117	145762	5.380	ug/L	100
33) Benzene	5.769	78	405227	5.168	ug/L	100
34) Trichloroethene	6.538	95	115342	5.399	ug/L	99
35) Methylcyclohexane	6.760	83	160586	5.207	ug/L	100
37) 1,2-Dichloropropane	6.785	63	112809	5.517	ug/L	100
38) Bromodichloromethane	7.100	83	142104	5.384	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	163390	5.438	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	538399	53.120	ug/L	100
42) Toluene	7.965	91	450988	5.556	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	131088	5.473	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	76416	5.612	ug/L	93
47) Tetrachloroethene	8.550	164	78976	5.483	ug/L	98
48) 2-Hexanone	8.679	43	411679	52.138	ug/L	99
49) Dibromochloromethane	8.804	129	83680	5.404	ug/L	99
50) 1,2-Dibromoethane	8.920	107	68847	5.355	ug/L	96
51) Chlorobenzene	9.444	112	273105	5.236	ug/L	98
52) Ethylbenzene	9.567	91	476634	5.288	ug/L	98
53) m,p-Xylene	9.692	106	180284	5.441	ug/L	99
54) o-Xylene	10.097	106	174603	5.424	ug/L	99
55) Styrene	10.110	104	299233	5.589	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	88626	5.330	ug/L	95
59) Bromoform	10.287	173	45830	5.267	ug/L	98
60) Isopropylbenzene	10.480	105	474112	5.263	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	61110	5.099	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	402450	5.441	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	399009	5.465	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	223609	5.457	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	215962	5.254	ug/L	100
67) 1,2-Dichlorobenzene	12.210	146	197992	5.267	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12619	4.930	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	162673	5.273	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	127307	5.066	ug/L	99
71) Naphthalene	14.081	128	185208	4.878	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	106284	5.135	ug/L	99

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

