

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056955.D
 Acq On : 17 Dec 2023 04:41
 Operator : MD/SY
 Sample : 05811-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7B35

Quant Time: Dec 18 00:36:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 00:34:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	270602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	275881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	58125	2.506	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.200%
7) Chloroethane-d5	1.907	69	56615	3.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.200%
11) 1,1-Dichloroethene-d2	2.560	65	29594	2.982	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	4.621	46	204441	44.631	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.260%
24) Chloroform-d	5.055	84	161223	3.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
26) 1,2-Dichloroethane-d4	5.695	65	82779	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
32) Benzene-d6	5.721	84	295156	3.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.000%#
36) 1,2-Dichloropropane-d6	6.685	67	99594	3.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.400%
41) Toluene-d8	7.894	98	227125	2.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.400%#
43) trans-1,3-Dichloroprop...	8.177	79	33915	3.265	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.400%
46) 2-Hexanone-d5	8.630	63	156038	39.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.660%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	77859	4.018	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	80737	3.817	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	5496	0.197	ug/L	94
5) Vinyl chloride	1.599	62	20302	0.733	ug/L #	68
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	55814	2.332	ug/L	99
12) 1,1-Dichloroethene	2.576	96	9350	0.426	ug/L #	1
17) Methyl tert-butyl Ether	3.357	73	9080	0.186	ug/L #	86
18) trans-1,2-Dichloroethene	3.348	96	8938	0.401	ug/L	82
19) 1,1-Dichloroethane	3.862	63	19748	0.461	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	273477	11.285	ug/L	96
27) 1,2-Dichloroethane	5.791	62	16633	0.627	ug/L #	93
34) Trichloroethene	6.534	95	274016	10.303	ug/L	98
37) 1,2-Dichloropropane	6.785	63	6764	0.273	ug/L #	93
47) Tetrachloroethene	8.550	164	11282	0.606	ug/L	94
51) Chlorobenzene	9.444	112	61252	0.958	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	9186	0.228	ug/L	92
65) 1,4-Dichlorobenzene	11.833	146	18699	0.472	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	23218	0.634	ug/L	94

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