

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120820\  
 Data File : VU041494.D  
 Acq On : 08 Dec 2020 11:00  
 Operator : SY/MD  
 Sample : VSTD0.0533  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 VSTD0.05203

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 12/12/2020 12:42:54 PM

Quant Time: Dec 09 13:25:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SFAMUSIM120820.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Dec 09 00:34:40 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.23	114	8566	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.36	117	8331	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.74	152	3874	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.61	65	296	0.03	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	6.00%#
4) 1,2-Dichloroethane-d4	5.68	65	729	0.06	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	12.00%#
7) 1,2-Dichloropropane-d6	6.64	67	410	0.04	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	8.00%#
8) Toluene-d8	7.85	98	926	0.05	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	10.00%#
10) 1,1,2,2-Tetrachloroethane-	10.68	84	456	0.04	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	8.00%#

Target Compounds

					Qvalue
3) Vinyl chloride	1.61	62	551	0.046	ug/L # 69
6) Trichloroethene	6.51	95	453	0.043	ug/L 95
9) 1,2-Dibromoethane	8.87	107	315	0.042	ug/L # 92
12) 1,2,3-Trichloropropane	10.75	75	320	0.052	ug/L 99
13) 1,2-Dibromo-3-chloropropan	12.91	75	71m	0.053	ug/L

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

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