

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056272.D
 Acq On : 13 Nov 2023 23:43
 Operator : MD/SY
 Sample : 05371-13RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP0RE

Quant Time: Nov 14 21:46:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	300335	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	293068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137879	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	64313	2.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.200%
7) Chloroethane-d5	1.911	69	56635	3.288	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.800%
11) 1,1-Dichloroethene-d2	2.563	65	31338	3.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	4.624	46	178428	39.833	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.660%
24) Chloroform-d	5.055	84	150469	3.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.200%#
26) 1,2-Dichloroethane-d4	5.695	65	73519	3.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
32) Benzene-d6	5.721	84	291921	3.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.800%#
36) 1,2-Dichloropropane-d6	6.685	67	95806	3.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.800%
41) Toluene-d8	7.894	98	251559	3.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	8.177	79	32823	3.252	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.000%
46) 2-Hexanone-d5	8.627	63	144636	36.466	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69089	3.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	92764	3.642	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	9304	0.383	ug/L	95
5) Vinyl chloride	1.602	62	24245	1.035	ug/L	93
8) Chloroethane	1.930	64	4104	0.287	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	3847	0.192	ug/L	85
13) Acetone	2.634	43	262090	68.698	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	5999	0.134	ug/L #	46
21) 2-Butanone	4.711	43	62843	12.694	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	17046	0.795	ug/L	98
33) Benzene	5.772	78	61128	0.731	ug/L	100
34) Trichloroethene	6.537	95	150298	6.597	ug/L	98
47) Tetrachloroethene	8.547	164	212747	13.847	ug/L	98

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

