

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056214.D
 Acq On : 11 Nov 2023 14:02
 Operator : MD/SY
 Sample : 05340-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL8

Quant Time: Nov 11 20:21:43 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	355669	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	350588	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	158266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	91674	4.153	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.907	69	73361	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.563	65	42960	4.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.621	46	277311	76.568	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	153.140%#
24) Chloroform-d	5.055	84	226937	5.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	5.695	65	108359	5.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.721	84	441491	5.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.685	67	139858	5.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.800%
41) Toluene-d8	7.894	98	361537	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.177	79	49215	5.195	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.631	63	236351	76.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	152.220%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110429	6.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.800%#
66) 1,2-Dichlorobenzene-d4	12.190	152	138940	5.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	22269	0.974	ug/L #	11
17) Methyl tert-butyl Ether	3.354	73	11101	0.216	ug/L	97
19) 1,1-Dichloroethane	3.866	63	10053	0.228	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	4187	0.160	ug/L	96
27) 1,2-Dichloroethane	5.791	62	4885	0.183	ug/L #	94
29) 1,1,1-Trichloroethane	5.312	97	16925	0.421	ug/L	99
34) Trichloroethene	6.537	95	100985	3.683	ug/L	93
47) Tetrachloroethene	8.550	164	44385	2.157	ug/L	97

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

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