

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045164.D
 Acq On : 05 Oct 2021 23:10
 Operator : SY/MD
 Sample : M4023-04 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH9

Quant Time: Oct 06 04:38:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	300619	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	284394	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	127808	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	109814	33.37	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	66.74%	
7) Chloroethane-d5	1.912	69	99657	38.21	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	76.42%	
11) 1,1-Dichloroethene-d2	2.571	63	165534	29.95	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.90%#	
21) 2-Butanone-d5	4.632	46	235542	90.53	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	90.53%	
24) Chloroform-d	5.070	84	209521	40.31	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	80.62%	
26) 1,2-Dichloroethane-d4	5.706	65	150856	42.85	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.70%	
32) Benzene-d6	5.732	84	432767	43.85	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.70%	
36) 1,2-Dichloropropane-d6	6.697	67	139612	43.39	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	86.78%	
41) Toluene-d8	7.902	98	376156	44.17	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.34%	
43) trans-1,3-Dichloroprop...	8.182	79	62797	43.87	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.74%	
47) 2-Hexanone-d5	8.639	63	163237	91.54	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	91.54%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	207733	41.46	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	82.92%	
66) 1,2-Dichlorobenzene-d4	12.195	152	132437	47.61	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.22%	
Target Compounds						
12) 1,1-Dichloroethene	2.584	96	14284	6.14	ug/L	# 1
16) Methylene chloride	3.054	84	16174	5.48	ug/L	90
20) cis-1,2-Dichloroethene	4.671	96	16065	5.95	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	45382	11.53	ug/L	99
34) Trichloroethene	6.546	95	232525	91.78	ug/L	98
42) Toluene	7.973	91	6432	0.60	ug/L	100
53) m,p-Xylene	9.693	106	2942	0.69	ug/L	82

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

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