

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045204.D
 Acq On : 07 Oct 2021 12:07
 Operator : SY/MD
 Sample : M4025-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP1

Quant Time: Oct 07 21:36:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	306354	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	293335	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	129090	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	119271	35.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.120%
7) Chloroethane-d5	1.896	69	101442	38.171	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.340%
11) 1,1-Dichloroethene-d2	2.565	63	176506	31.340	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.680%
21) 2-Butanone-d5	4.626	46	196035	73.938	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.940%
24) Chloroform-d	5.067	84	202803	38.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.580%
26) 1,2-Dichloroethane-d4	5.706	65	148599	41.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.840%
32) Benzene-d6	5.729	84	427822	42.031	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.060%
36) 1,2-Dichloropropane-d6	6.697	67	136775	41.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.420%
41) Toluene-d8	7.902	98	380231	43.287	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.580%
43) trans-1,3-Dichloroprop...	8.182	79	61379	41.575	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.160%
47) 2-Hexanone-d5	8.636	63	143048	77.776	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.780%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211405	40.905	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.820%
66) 1,2-Dichlorobenzene-d4	12.195	152	133437	47.497	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	7639	2.133	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1953	0.755	ug/L #	35
12) 1,1-Dichloroethene	2.578	96	30876	13.015	ug/L #	55
19) 1,1-Dichloroethane	3.870	63	8222	1.581	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	109652	39.818	ug/L	92
30) 1,1,1-Trichloroethane	5.317	97	20871	5.140	ug/L	97
34) Trichloroethene	6.546	95	371000	141.972	ug/L	99
42) Toluene	7.973	91	6162	0.557	ug/L	97

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

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