

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022468.D
 Acq On : 01 Oct 2021 06:05
 Operator : SY/MD
 Sample : M3997-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A53

Quant Time: Oct 01 06:29:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	215632	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	211959	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93294	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76463	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.56%
7) Chloroethane-d5	1.542	69	65883	45.52	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.04%
11) 1,1-Dichloroethene-d2	2.101	63	107664	33.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.68%
21) 2-Butanone-d5	3.873	46	106270	82.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.29%
24) Chloroform-d	4.346	84	139028	42.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.14%
26) 1,2-Dichloroethane-d4	5.031	65	84786	41.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.68%
32) Benzene-d6	5.047	84	289728	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
36) 1,2-Dichloropropane-d6	6.069	67	90418	42.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.78%
41) Toluene-d8	7.317	98	253420	41.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.04%
43) trans-1,3-Dichloroprop...	7.622	79	35732	36.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.36%
47) 2-Hexanone-d5	8.088	63	70788	81.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.67%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	122951	39.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	99873	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%
Target Compounds						
18) Methyl tert-butyl Ether	2.764	73	4569	0.94	ug/L #	85
20) cis-1,2-Dichloroethene	3.912	96	17328	9.95	ug/L	98
34) Trichloroethene	5.921	95	2311	1.39	ug/L #	87
46) Tetrachloroethene	7.976	164	467855	341.58	ug/L	98

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

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