

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045098.D
 Acq On : 04 Oct 2021 15:59
 Operator : SY/MD
 Sample : M3996-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A22

Quant Time: Oct 05 02:46:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	279179	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	265863	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	124239	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	95368	31.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.40%
7) Chloroethane-d5	1.909	69	88527	36.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.10%
11) 1,1-Dichloroethene-d2	2.569	63	140043	27.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.58%#
21) 2-Butanone-d5	4.630	46	244013	100.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.99%
24) Chloroform-d	5.070	84	201463	41.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.48%
26) 1,2-Dichloroethane-d4	5.707	65	143699	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
32) Benzene-d6	5.732	84	399667	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
36) 1,2-Dichloropropane-d6	6.697	67	133717	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.90%
41) Toluene-d8	7.903	98	338050	42.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.92%
43) trans-1,3-Dichloroprop...	8.183	79	58870	44.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.00%
47) 2-Hexanone-d5	8.636	63	180612	108.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.35%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206927	44.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.36%
66) 1,2-Dichlorobenzene-d4	12.195	152	127070	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	3.376	73	3797	0.51	ug/L	# 90
20) cis-1,2-Dichloroethene	4.671	96	5393	2.15	ug/L	83
33) Benzene	5.781	78	16120	1.63	ug/L	100
34) Trichloroethene	6.546	95	11876	5.01	ug/L	97
42) Toluene	7.974	91	21043	2.10	ug/L	99
46) Tetrachloroethene	8.559	164	2632468	1555.02	ug/L	98
52) Ethylbenzene	9.575	91	8010	0.76	ug/L	98
53) m,p-Xylene	9.700	106	3178	0.79	ug/L	79
54) o-xylene	10.102	106	1894	0.48	ug/L	96
63) 1,2,4-Trimethylbenzene	11.472	105	4117	0.53	ug/L	98

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

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