

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050842.D
 Acq On : 20 Sep 2022 19:34
 Operator : JC/MD
 Sample : N4651-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ43

Quant Time: Sep 21 02:26:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	443014	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	424404	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	159954	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	198871	43.328	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.660%
7) Chloroethane-d5	1.906	69	155594	47.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.565	63	253417	35.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.960%
21) 2-Butanone-d5	4.623	46	309996	104.614	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.610%
24) Chloroform-d	5.060	84	327043	45.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
26) 1,2-Dichloroethane-d4	5.700	65	210261	47.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
32) Benzene-d6	5.726	84	668714	47.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	6.691	67	228722	48.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.940%
41) Toluene-d8	7.896	98	536768	43.928	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.860%
43) trans-1,3-Dichloroprop...	8.179	79	89588	43.644	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.280%
47) 2-Hexanone-d5	8.633	63	190845	98.146	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.150%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	325125	45.194	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	173991	51.953	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.900%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	23686	6.955	ug/L	# 1
17) trans-1,2-Dichloroethene	3.353	96	2301	0.659	ug/L	92
19) 1,1-Dichloroethane	3.867	63	196381	27.842	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	28189	7.283	ug/L	88
27) 1,2-Dichloroethane	5.793	62	9000	1.685	ug/L	98
30) 1,1,1-Trichloroethane	5.318	97	143622	25.437	ug/L	97
34) Trichloroethene	6.543	95	23166	6.385	ug/L	96
46) Tetrachloroethene	8.555	164	20615	7.907	ug/L	98

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

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