

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050891.D
 Acq On : 22 Sep 2022 12:09
 Operator : JC/MD
 Sample : N4650-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ06

Quant Time: Sep 23 01:09:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	402847	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	388107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	141929	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	155877	37.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.700%
7) Chloroethane-d5	1.903	69	136138	45.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.562	63	207405	31.936	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.880%
21) 2-Butanone-d5	4.620	46	315574	117.115	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.110%
24) Chloroform-d	5.060	84	309949	47.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.780%
26) 1,2-Dichloroethane-d4	5.700	65	200085	49.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.280%
32) Benzene-d6	5.726	84	596041	46.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.260%
36) 1,2-Dichloropropane-d6	6.690	67	210579	48.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	7.896	98	474643	42.476	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.960%
43) trans-1,3-Dichloroprop...	8.179	79	81850	43.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.200%
47) 2-Hexanone-d5	8.632	63	184263	103.623	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.620%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	316766	48.151	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.300%
66) 1,2-Dichlorobenzene-d4	12.192	152	158124	53.211	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.420%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	15794	5.100	ug/L	# 1
19) 1,1-Dichloroethane	3.867	63	47454	7.399	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	12440	3.535	ug/L	92
30) 1,1,1-Trichloroethane	5.317	97	90676	17.562	ug/L	99
46) Tetrachloroethene	8.555	164	8246	3.459	ug/L	95

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

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