

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050863.D
 Acq On : 21 Sep 2022 04:12
 Operator : JC/MD
 Sample : N4650-14 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ09

Quant Time: Sep 21 04:43:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 04:30:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	417914	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	393141	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	145048	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	184100	42.519	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.040%	
7) Chloroethane-d5	1.912	69	150942	48.948	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	97.900%	
11) 1,1-Dichloroethene-d2	2.565	63	222974	33.095	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.200%	
21) 2-Butanone-d5	4.632	46	340936	121.965	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	121.970%	
24) Chloroform-d	5.063	84	320802	47.278	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.560%	
26) 1,2-Dichloroethane-d4	5.700	65	209098	50.003	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.000%	
32) Benzene-d6	5.726	84	640605	49.470	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.940%	
36) 1,2-Dichloropropane-d6	6.690	67	225284	51.541	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.080%	
41) Toluene-d8	7.896	98	505578	44.665	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.340%	
43) trans-1,3-Dichloroprop...	8.179	79	83540	43.934	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.860%	
47) 2-Hexanone-d5	8.632	63	198560	110.233	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	110.230%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	329930	49.509	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.020%	
66) 1,2-Dichlorobenzene-d4	12.192	152	163780	53.929	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.860%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	4527	1.409	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	3192	0.969	ug/L	92
19) 1,1-Dichloroethane	3.870	63	68061	10.229	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	438470	120.089	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	269067	51.444	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	7985	0.946	ug/L	94

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

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