

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050920.D
 Acq On : 23 Sep 2022 15:18
 Operator : JC/MD
 Sample : N4747-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A8

Quant Time: Sep 24 00:24:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	392710	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	374680	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	133386	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	171898	42.249	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.500%	
7) Chloroethane-d5	1.906	69	140723	48.563	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	97.120%	
11) 1,1-Dichloroethene-d2	2.565	63	213110	33.661	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.320%	
21) 2-Butanone-d5	4.620	46	341777	130.113	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	130.110%#	
24) Chloroform-d	5.060	84	301370	47.264	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.520%	
26) 1,2-Dichloroethane-d4	5.700	65	195538	49.761	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.520%	
32) Benzene-d6	5.726	84	602878	48.851	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.700%	
36) 1,2-Dichloropropane-d6	6.690	67	208067	49.948	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.900%	
41) Toluene-d8	7.896	98	482521	44.729	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.460%	
43) trans-1,3-Dichloroprop...	8.176	79	81856	45.169	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.340%	
47) 2-Hexanone-d5	8.632	63	184073	107.226	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	107.230%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	314162	49.466	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.940%	
66) 1,2-Dichlorobenzene-d4	12.192	152	157627	56.441	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.880%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	4370	0.944	ug/L #	40
13) Acetone	2.629	43	24421	10.980	ug/L	99
19) 1,1-Dichloroethane	3.870	63	3572	0.571	ug/L #	84
20) cis-1,2-Dichloroethene	4.668	96	5221	1.522	ug/L	93
22) 2-Butanone	4.710	43	5285	1.803	ug/L	73
35) Methylcyclohexane	6.761	83	5536	1.073	ug/L	95

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

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