

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
 Data File : VU050886.D
 Acq On : 21 Sep 2022 19:34
 Operator : JC/MD
 Sample : N4650-21DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ38DL

Quant Time: Sep 22 02:16:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	363919	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	330602	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	122188	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	140965	37.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.780%		
7) Chloroethane-d5	1.900	69	101290	37.720	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.440%		
11) 1,1-Dichloroethene-d2	2.555	63	191612	32.660	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.320%		
21) 2-Butanone-d5	4.629	46	323780	133.013	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	133.010%#		
24) Chloroform-d	5.060	84	267863	45.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.660%		
26) 1,2-Dichloroethane-d4	5.700	65	172783	47.449	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.900%		
32) Benzene-d6	5.723	84	522644	47.996	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.000%		
36) 1,2-Dichloropropane-d6	6.690	67	185594	50.493	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.980%		
41) Toluene-d8	7.896	98	400977	42.126	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.260%		
43) trans-1,3-Dichloroprop...	8.179	79	68807	43.031	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.060%		
47) 2-Hexanone-d5	8.642	63	192213	126.896	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	126.900%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	286827	51.183	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.360%		
66) 1,2-Dichlorobenzene-d4	12.195	152	130069	50.842	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.680%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.568	96	15170	5.422	ug/L #	1
16) Methylene chloride	3.038	84	5089	1.310	ug/L	96
19) 1,1-Dichloroethane	3.864	63	32076	5.536	ug/L	97
20) cis-1,2-Dichloroethene	4.661	96	18321	5.762	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	65548	14.903	ug/L	98
34) Trichloroethene	6.539	95	14116	4.995	ug/L	95
46) Tetrachloroethene	8.552	164	6723	3.310	ug/L	98

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

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