

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046289.D
 Acq On : 11 Dec 2021 16:12
 Operator : SY/MD
 Sample : M4983-03DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5N1DL

Quant Time: Dec 12 01:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	175606	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	182258	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101797	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	52580	36.349	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.700%		
7) Chloroethane-d5	1.916	69	44021	39.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.280%		
11) 1,1-Dichloroethene-d2	2.572	63	75734	29.164	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.320%#		
21) 2-Butanone-d5	4.633	46	125265	108.932	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.930%		
24) Chloroform-d	5.067	84	112552	46.593	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.180%		
26) 1,2-Dichloroethane-d4	5.707	65	79225	48.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.740%		
32) Benzene-d6	5.729	84	229849	44.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.000%		
36) 1,2-Dichloropropane-d6	6.694	67	77112	47.631	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.260%		
41) Toluene-d8	7.899	98	195996	41.208	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.420%		
43) trans-1,3-Dichloroprop...	8.179	79	36528	46.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.480%		
47) 2-Hexanone-d5	8.636	63	89678	116.828	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	116.830%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	128118	52.182	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.360%		
66) 1,2-Dichlorobenzene-d4	12.195	152	90988	46.412	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.820%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	44789	25.994	ug/L	98
8) Chloroethane	1.938	64	42317	42.417	ug/L	99
12) 1,1-Dichloroethene	2.584	96	1288	1.061	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	1848	1.438	ug/L	95
19) 1,1-Dichloroethane	3.874	63	135412	57.959	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	79143	56.764	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	22139	9.896	ug/L	98
42) Toluene	7.970	91	22359	3.777	ug/L	100
52) Ethylbenzene	9.571	91	38050	5.973	ug/L	99
53) m,p-Xylene	9.694	106	37435	15.069	ug/L	99
54) o-xylene	10.102	106	18257	7.574	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	26728	4.841	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	135879	24.601	ug/L	99

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

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