

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046193.D
 Acq On : 08 Dec 2021 22:13
 Operator : SY/MD
 Sample : M4983-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5N3

Quant Time: Dec 09 04:36:26 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	206451	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	204956	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	112315	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55428	32.592	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.180%		
7) Chloroethane-d5	1.919	69	46732	35.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.580%		
11) 1,1-Dichloroethene-d2	2.575	63	102725	33.648	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.300%		
21) 2-Butanone-d5	4.639	46	128554	95.090	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.090%		
24) Chloroform-d	5.067	84	124934	43.991	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.980%		
26) 1,2-Dichloroethane-d4	5.707	65	79777	41.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.720%		
32) Benzene-d6	5.732	84	250265	42.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.200%		
36) 1,2-Dichloropropane-d6	6.694	67	80232	44.069	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.140%		
41) Toluene-d8	7.899	98	229540	42.916	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.840%		
43) trans-1,3-Dichloroprop...	8.179	79	40092	45.619	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.240%		
47) 2-Hexanone-d5	8.632	63	93332	108.123	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.120%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	131043	47.463	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.920%		
66) 1,2-Dichlorobenzene-d4	12.195	152	103589	47.892	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.780%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	81467	40.217	ug/L	99
8) Chloroethane	1.938	64	522748	445.694	ug/L	98
9) Trichlorofluoromethane	2.144	101	6461	2.443	ug/L	100
12) 1,1-Dichloroethene	2.588	96	40175	28.144	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	12455	8.245	ug/L	98
19) 1,1-Dichloroethane	3.877	63	1258470	458.173	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	1280639	781.279	ug/L	97
27) 1,2-Dichloroethane	5.797	62	4344	1.918	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	3715347	1476.778	ug/L	98
33) Benzene	5.777	78	9528	1.536	ug/L	100
34) Trichloroethene	6.546	95	14519	8.884	ug/L	97
35) Methylcyclohexane	6.764	83	2627	1.037	ug/L	95
42) Toluene	7.970	91	220202	33.082	ug/L	100
46) Tetrachloroethene	8.555	164	26278	21.881	ug/L	97
52) Ethylbenzene	9.571	91	54444	7.600	ug/L	97
53) m,p-Xylene	9.694	106	58099	20.797	ug/L	100
54) o-xylene	10.102	106	33124	12.219	ug/L	97
61) Isopropylbenzene	10.484	105	9624	1.317	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	36960	6.068	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	11.468	105	167852	27.544	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	6705	1.918	ug/L	92

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

