

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU045185.D
 Acq On : 06 Oct 2021 15:03
 Operator : SY/MD
 Sample : M4024-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM3

Quant Time: Oct 07 03:02:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	288129	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	277912	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	128113	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	106059	33.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.240%		
7) Chloroethane-d5	1.900	69	93745	37.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.020%		
11) 1,1-Dichloroethene-d2	2.565	63	126592	23.899	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	47.800%#		
21) 2-Butanone-d5	4.629	46	220445	88.404	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.400%		
24) Chloroform-d	5.070	84	201571	40.463	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.920%		
26) 1,2-Dichloroethane-d4	5.707	65	143203	42.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.880%		
32) Benzene-d6	5.732	84	410824	42.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.200%		
36) 1,2-Dichloropropane-d6	6.694	67	134952	42.918	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.840%		
41) Toluene-d8	7.903	98	353144	42.434	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.860%		
43) trans-1,3-Dichloroprop...	8.182	79	56407	40.328	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.660%		
47) 2-Hexanone-d5	8.636	63	156922	90.054	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.050%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214519	43.811	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.620%		
66) 1,2-Dichlorobenzene-d4	12.195	152	128153	45.964	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.920%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	887028	263.285	ug/L #	82
8) Chloroethane	1.922	64	65840	31.137	ug/L #	73
13) Acetone	2.633	43	8802	3.054	ug/L	99
14) Carbon disulfide	2.803	76	21969	3.073	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	2386	1.015	ug/L	96
19) 1,1-Dichloroethane	3.874	63	106146	21.708	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	687794	265.558	ug/L	94
30) 1,1,1-Trichloroethane	5.321	97	4893	1.272	ug/L	96
33) Benzene	5.780	78	7349	0.713	ug/L	100
34) Trichloroethene	6.546	95	3203	1.294	ug/L	95
35) Methylcyclohexane	6.768	83	4331	1.045	ug/L	89
42) Toluene	7.973	91	100891	9.633	ug/L	99
52) Ethylbenzene	9.575	91	659696	59.627	ug/L	100
53) m,p-Xylene	9.697	106	716320	170.910	ug/L	98
54) o-xylene	10.105	106	161509	39.215	ug/L	100
61) Isopropylbenzene	10.488	105	86978	9.277	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	4593	0.587	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	30731	3.833	ug/L	98

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

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