

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046510.D
 Acq On : 20 Dec 2021 15:23
 Operator : SY/MD
 Sample : M5150-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
ClientSampleId :
 GBBY0

Manual Integrations
APPROVED
 Reviewed By :Amit Patel 12/24/2021
 Supervised By :Mahesh Dadoda 12/27/2021

Quant Time: Dec 21 00:15:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	115954	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	117420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57827	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36208	37.907	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery =	75.820%		
7) Chloroethane-d5	1.922	69	27725	37.805	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery =	75.600%		
11) 1,1-Dichloroethene-d2	2.575	63	53096	30.965	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	61.940%		
21) 2-Butanone-d5	4.645	46	51050	67.232	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery =	67.230%		
24) Chloroform-d	5.070	84	61590	38.612	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	77.220%		
26) 1,2-Dichloroethane-d4	5.706	65	42053	39.284	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	78.560%		
32) Benzene-d6	5.732	84	121389	36.069	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	72.140%		
36) 1,2-Dichloropropane-d6	6.694	67	38131	36.558	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery =	73.120%		
41) Toluene-d8	7.902	98	103784	33.869	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	67.740%#		
43) trans-1,3-Dichloroprop...	8.182	79	18235	36.217	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	72.440%		
47) 2-Hexanone-d5	8.636	63	36119	73.037	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery =	73.040%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	53944	34.103	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery =	68.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	39924	35.850	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	71.700%#		
Target Compounds						
5) Vinyl chloride	1.610	62	20648	18.148	ug/L	98
12) 1,1-Dichloroethene	2.588	96	12716	15.860	ug/L #	54
13) Acetone	2.665	43	6428m	6.774	ug/L	
17) trans-1,2-Dichloroethene	3.366	96	4373	5.154	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	375145	407.483	ug/L	100
34) Trichloroethene	6.549	95	3242121	3462.931	ug/L	96
45) 1,1,2-Trichloroethane	8.411	97	738m	0.790	ug/L	
46) Tetrachloroethene	8.558	164	1690	2.456	ug/L	97

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

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