

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049038.D
 Acq On : 11 Jun 2022 07:57
 Operator : SY/MD
 Sample : N3248-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY8

Quant Time: Jun 11 09:42:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 11 04:33:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	179	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.420	117	464	50.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	647	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.764	65	85	77.082	ug/L	0.17
Spiked Amount	50.000	Range	60 - 135	Recovery	=	154.160%#
7) Chloroethane-d5	2.079	69	645	796.627	ug/L	0.18
Spiked Amount	50.000	Range	70 - 130	Recovery	=	1593.260%#
11) 1,1-Dichloroethene-d2	2.581	63	7848	3771.641	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	7543.280%#
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	0.000	84	0d	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.000%#
26) 1,2-Dichloroethane-d4	5.706	65	399	261.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	523.600%#
32) Benzene-d6	5.729	84	178	15.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	30.940%#
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 120	Recovery	=	0.000%#
41) Toluene-d8	7.899	98	692	68.197	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	136.400%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.000%#
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	141	21.826	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	43.660%#
66) 1,2-Dichlorobenzene-d4	12.198	152	427	37.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.860%#

Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	2341	1483.143	ug/L #	34
9) Trichlorofluoromethane	2.137	101	1607	723.392	ug/L	86
12) 1,1-Dichloroethene	2.578	96	14700	13317.148	ug/L #	70
13) Acetone	2.623	43	2240	2354.507	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	6364	5243.481	ug/L	96
19) 1,1-Dichloroethane	3.867	63	419398	160400.709	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	532501	360628.707	ug/L	99
25) Chloroform	5.095	83	2251	826.070	ug/L	93
30) 1,1,1-Trichloroethane	5.317	97	951963	147115.685	ug/L	99
34) Trichloroethene	6.545	95	9946	2624.821	ug/L	95
42) Toluene	7.970	91	1949	125.438	ug/L	87
46) Tetrachloroethene	8.552	164	16341	5562.554	ug/L	92
52) Ethylbenzene	9.571	91	1924	113.890	ug/L	100
53) m,p-Xylene	9.697	106	1464	220.678	ug/L	96
54) o-Xylene	10.102	106	1312	196.291	ug/L	93
62) 1,3,5-Trimethylbenzene	11.089	105	2894	77.131	ug/L	91
63) 1,2,4-Trimethylbenzene	11.468	105	14656	490.627	ug/L	98

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

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