

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049029.D
 Acq On : 11 Jun 2022 04:25
 Operator : SY/MD
 Sample : N3249-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT5

Quant Time: Jun 11 07:56:32 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	6.247	114	216884	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211295	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98802	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70757	52.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.920%			
7) Chloroethane-d5	1.896	69	51740	52.741	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.480%			
11) 1,1-Dichloroethene-d2	2.562	63	100370	39.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.620%			
21) 2-Butanone-d5	4.620	46	157152	107.279	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.280%			
24) Chloroform-d	5.064	84	163790	57.465	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.920%			
26) 1,2-Dichloroethane-d4	5.700	65	110125	59.637	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.280%			
32) Benzene-d6	5.726	84	297961	56.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.740%			
36) 1,2-Dichloropropane-d6	6.691	67	102206	58.027	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 116.060%			
41) Toluene-d8	7.896	98	250286	54.166	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.340%			
43) trans-1,3-Dichloroprop...	8.179	79	37673	45.464	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.920%			
47) 2-Hexanone-d5	8.633	63	90605	98.286	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.290%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	167292	56.867	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.740%			
66) 1,2-Dichlorobenzene-d4	12.195	152	107147	62.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 124.660%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	6761	3.535	ug/L	# 67
8) Chloroethane	1.919	64	3002	2.810	ug/L	100
13) Acetone	2.626	43	2478	2.150	ug/L	76
19) 1,1-Dichloroethane	3.867	63	89327	28.196	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	7491	4.187	ug/L	90
30) 1,1,1-Trichloroethane	5.314	97	424664	144.116	ug/L	99
34) Trichloroethene	6.543	95	13351	7.737	ug/L	96
46) Tetrachloroethene	8.552	164	3139	2.346	ug/L	91
62) 1,3,5-Trimethylbenzene	11.089	105	7623	1.330	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	13323	2.921	ug/L	91

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

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