

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049027.D
 Acq On : 11 Jun 2022 03:39
 Operator : SY/MD
 Sample : N3249-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT3

Quant Time: Jun 11 07:55:56 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	6.250	114	238237	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95985	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72664	49.510	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.020%	
7) Chloroethane-d5	1.906	69	55839	51.818	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	103.640%	
11) 1,1-Dichloroethene-d2	2.565	63	103137	37.242	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.480%	
21) 2-Butanone-d5	4.620	46	170317	105.845	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.840%	
24) Chloroform-d	5.063	84	175520	56.061	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	112.120%	
26) 1,2-Dichloroethane-d4	5.700	65	119720	59.022	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	118.040%	
32) Benzene-d6	5.726	84	324323	55.309	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	110.620%	
36) 1,2-Dichloropropane-d6	6.690	67	111368	56.495	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	113.000%	
41) Toluene-d8	7.899	98	264237	51.095	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.200%	
43) trans-1,3-Dichloroprop...	8.179	79	41827	45.102	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.200%	
47) 2-Hexanone-d5	8.632	63	90123	87.352	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.350%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	170174	51.686	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.380%	
66) 1,2-Dichlorobenzene-d4	12.195	152	101845	60.982	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	121.960%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	10847	5.163	ug/L	# 83
17) trans-1,2-Dichloroethene	3.353	96	2852	1.766	ug/L	95
19) 1,1-Dichloroethane	3.867	63	138960	39.931	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	102655	52.235	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	46799	14.191	ug/L	97
34) Trichloroethene	6.546	95	6638	3.437	ug/L	95
46) Tetrachloroethene	8.555	164	2596	1.734	ug/L	92

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

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