

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029558.D
 Acq On : 10 Dec 2022 05:51
 Operator : SY/MD
 Sample : N5929-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZA4

Quant Time: Dec 10 06:15:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 00:41:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	470258	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	439962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	229349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111069	38.570	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.140%		
7) Chloroethane-d5	1.565	69	90829	41.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.720%		
11) 1,1-Dichloroethene-d2	2.105	63	144009	32.063	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.120%		
21) 2-Butanone-d5	3.873	46	133505	75.999	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.000%		
24) Chloroform-d	4.339	84	206035	38.021	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.040%		
26) 1,2-Dichloroethane-d4	5.024	65	123345	39.853	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.700%		
32) Benzene-d6	5.043	84	435800	37.487	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.980%		
36) 1,2-Dichloropropane-d6	6.063	67	136119	38.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	76.660%		
41) Toluene-d8	7.307	98	393088	35.887	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.780%#		
43) trans-1,3-Dichloroprop...	7.616	79	52094	29.052	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.100%#		
47) 2-Hexanone-d5	8.082	63	114449	75.476	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.480%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	190057	37.454	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	74.900%		
66) 1,2-Dichlorobenzene-d4	11.612	152	164885	37.766	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.540%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	47142	13.342	ug/L	95
12) 1,1-Dichloroethene	2.114	96	4394	1.748	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	10910	3.767	ug/L	94
19) 1,1-Dichloroethane	3.182	63	367139	73.994	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	357559	112.270	ug/L	94
30) 1,1,1-Trichloroethane	4.600	97	128833	26.877	ug/L	99
34) Trichloroethene	5.908	95	27768	8.936	ug/L	96
46) Tetrachloroethene	7.969	164	15642	6.261	ug/L	96

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

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