

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122723\
 Data File : VX039488.D
 Acq On : 27 Dec 2023 11:58
 Operator : JC/MD
 Sample : 05989-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F7A60

Quant Time: Dec 28 04:07:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 28 04:06:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	215502	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	89768	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	54685	32.353	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.700%		
7) Chloroethane-d5	1.666	69	45911	36.747	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.500%		
11) 1,1-Dichloroethene-d2	2.306	65	27808	37.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.960%		
21) 2-Butanone-d5	4.446	46	163339	106.755	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.750%		
24) Chloroform-d	5.050	84	130301	43.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
26) 1,2-Dichloroethane-d4	5.952	65	89213	46.038	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.080%		
32) Benzene-d6	5.970	84	255013	41.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.060%		
36) 1,2-Dichloropropane-d6	7.305	67	84576	42.800	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.600%		
41) Toluene-d8	8.647	98	222293	39.948	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.900%#		
43) trans-1,3-Dichloroprop...	8.945	79	36805	36.600	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.200%		
47) 2-Hexanone-d5	9.378	63	116157	98.418	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.420%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131167	46.791	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.580%		
66) 1,2-Dichlorobenzene-d4	12.317	152	79129	46.635	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.260%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	75213	42.484	ug/L	95
8) Chloroethane	1.691	64	3242	3.239	ug/L #	77
13) Acetone	2.373	43	7424	5.051	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	69000	40.669	ug/L	96
22) 2-Butanone	4.550	43	23030	12.767	ug/L	97
42) Toluene	8.714	91	8225	1.227	ug/L	99

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

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