

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053123\
 Data File : VV031305.D
 Acq On : 31 May 2023 18:38
 Operator : SY/MD
 Sample : 02991-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C18

Quant Time: Jun 01 02:00:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 01 01:56:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	273113	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	263383	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	109707	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	82195	35.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.440%
7) Chloroethane-d5	1.532	69	78270	43.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.060%
11) 1,1-Dichloroethene-d2	2.063	65	40562	37.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.120%
21) 2-Butanone-d5	3.799	46	138646	111.478	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.480%
24) Chloroform-d	4.259	84	170304	41.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.480%
26) 1,2-Dichloroethane-d4	4.950	65	121276	43.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.920%
32) Benzene-d6	4.966	84	307131	43.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
36) 1,2-Dichloropropane-d6	5.995	67	121703	56.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.940%
41) Toluene-d8	7.249	98	258109	38.732	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.460%#
43) trans-1,3-Dichloroprop...	7.561	79	48995	45.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.420%
47) 2-Hexanone-d5	8.034	63	79873	95.890	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.890%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	163180	50.926	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.860%
66) 1,2-Dichlorobenzene-d4	11.570	152	97204	49.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.620%
Target Compounds						
					Qvalue	
13) Acetone	2.124	43	7550	4.669	ug/L	87
18) Methyl tert-butyl Ether	2.712	73	3639	0.672	ug/L #	69
25) Chloroform	4.285	83	11855	3.320	ug/L	93
34) Trichloroethene	5.847	95	1609	0.952	ug/L	87
46) Tetrachloroethene	7.915	164	20255	13.952	ug/L	93

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

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