

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039258.D
 Acq On : 16 Dec 2023 02:46
 Operator : JC/MD
 Sample : 05845-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHD9

Quant Time: Dec 16 04:21:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	230405	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	211891	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	100448	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62812	34.757	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.520%
7) Chloroethane-d5	1.666	69	50111	37.515	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.020%
11) 1,1-Dichloroethene-d2	2.306	65	32906	41.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.960%
21) 2-Butanone-d5	4.452	46	152907	93.473	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.470%
24) Chloroform-d	5.056	84	146155	45.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	5.952	65	101560	49.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
32) Benzene-d6	5.970	84	291697	44.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.220%
36) 1,2-Dichloropropane-d6	7.305	67	95470	45.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.720%
41) Toluene-d8	8.647	98	258804	43.671	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.340%
43) trans-1,3-Dichloroprop...	8.952	79	43365	40.492	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.980%
47) 2-Hexanone-d5	9.384	63	109034	86.745	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.740%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	135810	45.491	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.980%
66) 1,2-Dichlorobenzene-d4	12.317	152	90829	47.839	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.680%
Target Compounds						
5) Vinyl chloride	1.374	62	2794	1.476	ug/L #	72
12) 1,1-Dichloroethene	2.319	96	102999	69.392	ug/L	87
13) Acetone	2.373	43	58557	37.262	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	4015	0.738	ug/L #	86
19) 1,1-Dichloroethane	3.611	63	178446	57.707	ug/L	98
22) 2-Butanone	4.556	43	63299	32.820	ug/L	100
27) 1,2-Dichloroethane	6.092	62	3087	1.268	ug/L #	73
30) 1,1,1-Trichloroethane	5.385	97	8621	3.353	ug/L	99

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

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