

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039256.D
 Acq On : 16 Dec 2023 02:00
 Operator : JC/MD
 Sample : 05845-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHD7

Quant Time: Dec 16 04:20:57 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	223995	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	207240	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96051	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60200	34.265	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.520%		
7) Chloroethane-d5	1.666	69	47468	36.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.100%		
11) 1,1-Dichloroethene-d2	2.307	65	31987	41.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.960%		
21) 2-Butanone-d5	4.446	46	144319	90.747	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.750%		
24) Chloroform-d	5.056	84	138437	44.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.020%		
26) 1,2-Dichloroethane-d4	5.952	65	95960	47.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.280%		
32) Benzene-d6	5.970	84	275329	43.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.100%		
36) 1,2-Dichloropropane-d6	7.306	67	91640	44.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.040%		
41) Toluene-d8	8.647	98	247796	42.752	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.500%		
43) trans-1,3-Dichloroprop...	8.952	79	40872	39.021	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.040%		
47) 2-Hexanone-d5	9.384	63	104540	85.036	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.040%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131187	44.929	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.860%		
66) 1,2-Dichlorobenzene-d4	12.317	152	85380	47.027	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.060%		
Target Compounds						
5) Vinyl chloride	1.374	62	2341	1.272	ug/L #	63
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	7283	4.747	ug/L #	84
12) 1,1-Dichloroethene	2.319	96	375455	260.190	ug/L #	73
13) Acetone	2.374	43	44345	29.026	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	10592	2.001	ug/L	96
19) 1,1-Dichloroethane	3.611	63	43627	14.512	ug/L	93
20) cis-1,2-Dichloroethene	4.477	96	4444m	2.520	ug/L	
22) 2-Butanone	4.556	43	29762	15.873	ug/L	98
27) 1,2-Dichloroethane	6.086	62	29185	12.332	ug/L #	91
30) 1,1,1-Trichloroethane	5.385	97	102968	40.950	ug/L	97

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

