

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026112.D
 Acq On : 28 Dec 2021 21:09
 Operator : JC/MD
 Sample : M5216-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COHB5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2021
 Supervised By : Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 29 04:33:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	194058	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	185284	50.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	12.049	152	103435	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	82854	55.009	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 110.020%			
7) Chloroethane-d5	1.672	69	63534	58.026	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.060%			
11) 1,1-Dichloroethene-d2	2.312	63	118612	43.143	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.280%			
21) 2-Butanone-d5	4.458	46	115469	110.946	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.950%			
24) Chloroform-d	5.068	84	144705	56.572	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.140%			
26) 1,2-Dichloroethane-d4	5.964	65	93707	56.515	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.020%			
32) Benzene-d6	5.989	84	276984	51.852	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.700%			
36) 1,2-Dichloropropane-d6	7.318	67	85095	51.494	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.980%			
41) Toluene-d8	8.653	98	247281	50.758	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.520%			
43) trans-1,3-Dichloroprop...	8.951	79	41088	50.935	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.860%			
47) 2-Hexanone-d5	9.390	63	79348	102.955	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.960%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	117459	53.407	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.820%			
66) 1,2-Dichlorobenzene-d4	12.347	152	107490	54.478	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.960%			
Target Compounds						Qvalue
13) Acetone	2.386	43	14982	15.200	ug/L	98
25) Chloroform	5.105	83	168796	71.616	ug/L	96
29) Cyclohexane	5.477	56	14609	6.265	ug/L #	94
31) Carbon tetrachloride	5.684	117	99467	49.021	ug/L	100
33) Benzene	6.062	78	14514174	2653.100	ug/L	100
35) Methylcyclohexane	7.385	83	5646	2.541	ug/L #	77
38) Bromodichloromethane	7.830	83	1972	1.008	ug/L #	99
42) Toluene	8.726	91	10382	1.782	ug/L	98
46) Tetrachloroethene	9.281	164	2117	1.988	ug/L	98
51) Chlorobenzene	10.104	112	34078129m	9486.418	ug/L	
64) 1,3-Dichlorobenzene	11.981	146	3916243	1292.646	ug/L	95
65) 1,4-Dichlorobenzene	12.073	146	19636580	6325.558	ug/L #	67
67) 1,2-Dichlorobenzene	12.378	146	22026804	7297.688	ug/L #	66
69) 1,3,5-Trichlorobenzene	13.115	180	5966	2.898	ug/L	99
70) 1,2,4-trichlorobenzene	13.603	180	6407483	3457.383	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.969	180	1478119	785.991	ug/L	97

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