

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035141.D
 Acq On : 18 Apr 2023 22:38
 Operator : JC/MD
 Sample : 02397-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2023
 Supervised By : Mahesh Dadoda 04/19/2023

Quant Time: Apr 19 01:38:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	459084	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.085	117	247596m	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	12.042	152	180821	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	172549	58.290	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 116.580%			
7) Chloroethane-d5	1.672	69	130807	61.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 122.300%			
11) 1,1-Dichloroethene-d2	2.306	65	85515	60.375	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 120.760%			
21) 2-Butanone-d5	4.458	46	246478	124.947	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.950%			
24) Chloroform-d	5.056	84	330899	59.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.720%			
26) 1,2-Dichloroethane-d4	5.952	65	221831	61.967	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 123.940%			
32) Benzene-d6	5.970	84	712990	100.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 200.500%#			
36) 1,2-Dichloropropane-d6	7.305	67	218379	100.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 201.020%#			
41) Toluene-d8	8.653	98	645386	99.286	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 198.580%#			
43) trans-1,3-Dichloroprop...	8.951	79	89921	94.707	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 189.420%#			
47) 2-Hexanone-d5	9.390	63	178998	205.164	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 205.160%#			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	253951	95.444	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 190.880%#			
66) 1,2-Dichlorobenzene-d4	12.372	152	153570	43.826	ug/L	0.05
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.660%			
Target Compounds						
						Qvalue
13) Acetone	2.386	43	106064	72.494	ug/L	100
29) Cyclohexane	5.470	56	32299	10.796	ug/L	100
31) Carbon tetrachloride	5.678	117	34583	14.044	ug/L	95
33) Benzene	6.037	78	471736	62.914	ug/L	100
35) Methylcyclohexane	7.379	83	13296	4.950	ug/L #	77
42) Toluene	8.720	91	32122	4.129	ug/L	99
46) Tetrachloroethene	9.281	164	5656	3.807	ug/L	94
51) Chlorobenzene	10.085	112	61187952m	11938.717	ug/L	
53) m,p-Xylene	10.317	106	2698	0.819	ug/L	98
64) 1,3-Dichlorobenzene	11.981	146	10614866	1892.937	ug/L	84
65) 1,4-Dichlorobenzene	12.061	146	21220786m	3698.231	ug/L	
67) 1,2-Dichlorobenzene	12.353	146	45089556m	7930.100	ug/L	
70) 1,2,4-trichlorobenzene	13.615	180	16915173	5210.921	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.969	180	5119490	1597.555	ug/L	97

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

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