

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039292.D
 Acq On : 16 Dec 2023 15:53
 Operator : JC/MD
 Sample : 05845-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE5

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 21:13:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.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	219508	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204557	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69167	40.174	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.340%		
7) Chloroethane-d5	1.666	69	53111	41.735	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.460%		
11) 1,1-Dichloroethene-d2	2.307	65	35175	46.542	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.080%		
21) 2-Butanone-d5	4.452	46	151780	97.390	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.390%		
24) Chloroform-d	5.056	84	145367	47.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.400%		
26) 1,2-Dichloroethane-d4	5.958	65	99884	50.604	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.200%		
32) Benzene-d6	5.977	84	295848	46.863	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.720%		
36) 1,2-Dichloropropane-d6	7.306	67	95227	46.871	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.740%		
41) Toluene-d8	8.647	98	261571	45.721	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.440%		
43) trans-1,3-Dichloroprop...	8.952	79	43209	41.793	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.580%		
47) 2-Hexanone-d5	9.384	63	107035	88.207	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.210%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131919	45.772	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.540%		
66) 1,2-Dichlorobenzene-d4	12.317	152	86635	47.256	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.520%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	21773	12.074	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	4284	2.850	ug/L #	75
12) 1,1-Dichloroethene	2.319	96	163575m	115.675	ug/L	
13) Acetone	2.374	43	91035	60.804	ug/L	96
19) 1,1-Dichloroethane	3.611	63	15055	5.110	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	16591	9.600	ug/L	89
22) 2-Butanone	4.550	43	64156	34.916	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	20087	8.093	ug/L	98
33) Benzene	6.044	78	5255	0.808	ug/L	100
34) Trichloroethene	7.123	95	12281	7.149	ug/L	90

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

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