

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039271.D
 Acq On : 16 Dec 2023 07:43
 Operator : JC/MD
 Sample : 05845-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHJ1

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 20:16:29 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	200973	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	187763	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	91780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	74698	47.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.780%		
7) Chloroethane-d5	1.672	69	55688	47.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.600%		
11) 1,1-Dichloroethene-d2	2.306	65	37336	53.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	107.920%		
21) 2-Butanone-d5	4.446	46	146707	102.816	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.820%		
24) Chloroform-d	5.062	84	142777	51.166	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.340%		
26) 1,2-Dichloroethane-d4	5.958	65	100929	55.849	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.700%		
32) Benzene-d6	5.970	84	300153	51.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.600%		
36) 1,2-Dichloropropane-d6	7.305	67	96760	51.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.780%		
41) Toluene-d8	8.646	98	267925	51.020	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.040%		
43) trans-1,3-Dichloroprop...	8.951	79	42324	44.598	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.200%		
47) 2-Hexanone-d5	9.384	63	105108	94.367	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.370%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	132564	50.110	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.220%		
66) 1,2-Dichlorobenzene-d4	12.317	152	89482	51.580	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.160%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.318	96	27406	21.168	ug/L #	37
13) Acetone	2.373	43	63232	46.129	ug/L	98
19) 1,1-Dichloroethane	3.611	63	6215	2.304	ug/L	94
20) cis-1,2-Dichloroethene	4.483	96	2693m	1.702	ug/L	
30) 1,1,1-Trichloroethane	5.391	97	4799m	2.107	ug/L	

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

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