

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039270.D
 Acq On : 16 Dec 2023 07:20
 Operator : JC/MD
 Sample : 05845-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHJ0

Quant Time: Dec 16 20:16:20 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 :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	193466	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	179298	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	75081	49.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.960%		
7) Chloroethane-d5	1.672	69	55108	49.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.260%		
11) 1,1-Dichloroethene-d2	2.306	65	37094	55.688	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	111.380%		
21) 2-Butanone-d5	4.452	46	143034	104.132	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.130%		
24) Chloroform-d	5.056	84	143339	53.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.720%		
26) 1,2-Dichloroethane-d4	5.952	65	100725	57.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	115.800%		
32) Benzene-d6	5.970	84	302613	54.687	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.380%		
36) 1,2-Dichloropropane-d6	7.306	67	94742	53.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.400%		
41) Toluene-d8	8.647	98	267304	53.305	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.600%		
43) trans-1,3-Dichloroprop...	8.952	79	42515	46.915	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.820%		
47) 2-Hexanone-d5	9.384	63	103507	97.317	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.320%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131722	52.142	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.280%		
66) 1,2-Dichlorobenzene-d4	12.317	152	91340	55.728	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.460%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	35794	28.719	ug/L #	64
13) Acetone	2.373	43	41662	31.573	ug/L	98
19) 1,1-Dichloroethane	3.611	63	5202	2.003	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	2272m	1.492	ug/L	
22) 2-Butanone	4.562	43	10316	6.370	ug/L	92
30) 1,1,1-Trichloroethane	5.385	97	8785	4.038	ug/L	95

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

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