

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033386.D
 Acq On : 15 Dec 2023 18:47
 Operator : SY/MD
 Sample : 05846-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHC8

Quant Time: Dec 16 00:16:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:24:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	228864	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	233432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	97685	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	83761	47.525	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.060%		
7) Chloroethane-d5	1.532	69	75474	47.718	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.440%		
11) 1,1-Dichloroethene-d2	2.060	65	40505	46.168	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.340%		
21) 2-Butanone-d5	3.783	46	91419	102.919	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.920%		
24) Chloroform-d	4.249	84	162359	46.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.140%		
26) 1,2-Dichloroethane-d4	4.941	65	106507	49.731	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.460%		
32) Benzene-d6	4.960	84	301807	48.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.000%		
36) 1,2-Dichloropropane-d6	5.989	67	93763	49.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.280%		
41) Toluene-d8	7.243	98	258436	44.924	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.840%		
43) trans-1,3-Dichloroprop...	7.555	79	41778	44.675	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.360%		
47) 2-Hexanone-d5	8.024	63	59896	93.326	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.330%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	129331	47.159	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.320%		
66) 1,2-Dichlorobenzene-d4	11.561	152	103695	56.489	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.980%		
Target Compounds						
5) Vinyl chloride	1.282	62	3304	1.780	ug/L #	44
13) Acetone	2.108	43	78481	76.116	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	2233	1.292	ug/L	89
22) 2-Butanone	3.889	43	18442m	18.155	ug/L	
34) Trichloroethene	5.834	95	50792	29.756	ug/L	98
46) Tetrachloroethene	7.912	164	2140	1.604	ug/L	89

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

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