

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033244.D
 Acq On : 12 Dec 2023 03:43
 Operator : SY/MD
 Sample : 05751-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHC6

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 04:33:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		5.535	114	266824	50.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	269074	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.185	152	142369	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.278	65	85934	53.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.740%	
7) Chloroethane-d5		1.532	69	62491	56.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.460%	
11) 1,1-Dichloroethene-d2		2.060	65	33202	54.716	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.440%	
21) 2-Butanone-d5		3.783	46	82307	103.891	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.890%	
24) Chloroform-d		4.246	84	176190	52.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.100%	
26) 1,2-Dichloroethane-d4		4.941	65	113952	54.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.280%	
32) Benzene-d6		4.960	84	339856	54.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.020%	
36) 1,2-Dichloropropane-d6		5.989	67	88898	52.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.080%	
41) Toluene-d8		7.243	98	318477	53.051	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.100%	
43) trans-1,3-Dichloroprop...		7.551	79	48454	45.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.580%	
47) 2-Hexanone-d5		8.021	63	63740	93.769	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.770%	
56) 1,1,2,2-Tetrachloroeth...		10.153	84	126062	52.410	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.820%	
66) 1,2-Dichlorobenzene-d4		11.561	152	143271	56.560	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.120%	
Target Compounds							
12) 1,1-Dichloroethene		2.069	96	2630	1.966	ug/L	Qvalue # 1
13) Acetone		2.108	43	197412	261.016	ug/L	99
19) 1,1-Dichloroethane		3.114	63	5601	1.927	ug/L	96
22) 2-Butanone		3.896	43	5170m	5.371	ug/L	
34) Trichloroethene		5.841	95	6808	3.342	ug/L	89

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

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