

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031121.D
 Acq On : 19 May 2023 21:02
 Operator : SY/MD
 Sample : 02866-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX90

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 20 00:38:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:29:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	252782	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	239337	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	112158	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	101629	47.043	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.080%		
7) Chloroethane-d5	1.535	69	97855	58.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	117.600%		
11) 1,1-Dichloroethene-d2	2.063	65	48306	47.684	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.360%		
21) 2-Butanone-d5	3.802	46	142420	123.722	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.720%		
24) Chloroform-d	4.259	84	181934	47.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.200%		
26) 1,2-Dichloroethane-d4	4.947	65	129185	50.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.040%		
32) Benzene-d6	4.966	84	333715	51.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.860%		
36) 1,2-Dichloropropane-d6	5.995	67	101857	52.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.940%		
41) Toluene-d8	7.249	98	295509	48.799	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.600%		
43) trans-1,3-Dichloroprop...	7.558	79	48317	49.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.220%		
47) 2-Hexanone-d5	8.034	63	71753	94.796	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.800%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	137567	47.246	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.500%		
66) 1,2-Dichlorobenzene-d4	11.567	152	111634	55.388	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.780%		
Target Compounds						Qvalue
3) Chloromethane	1.220	50	9197	5.148	ug/L	91
5) Vinyl chloride	1.285	62	166545	104.365	ug/L	98
6) Bromomethane	1.494	94	2918	3.263	ug/L	86
12) 1,1-Dichloroethene	2.076	96	42654m	30.377	ug/L	
13) Acetone	2.130	43	10082	6.737	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	65600	50.530	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	5898424	3685.558	ug/L	93
34) Trichloroethene	5.841	95	4318623	2810.938	ug/L	97
45) 1,1,2-Trichloroethane	7.780	97	1755	1.019	ug/L #	86
46) Tetrachloroethene	7.911	164	6640	5.033	ug/L	93

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

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