

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031522.D
 Acq On : 15 Jun 2023 11:46
 Operator : SY/MD
 Sample : 03254-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYY9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 02:46:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	220219	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	221507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	106724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	64092	43.730	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.460%		
7) Chloroethane-d5	1.539	69	61444	48.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.100%		
11) 1,1-Dichloroethene-d2	2.066	65	34250	45.343	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.680%		
21) 2-Butanone-d5	3.802	46	109139	91.964	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.960%		
24) Chloroform-d	4.259	84	168505	45.907	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.820%		
26) 1,2-Dichloroethane-d4	4.950	65	110558	48.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.280%		
32) Benzene-d6	4.969	84	291371	46.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.460%		
36) 1,2-Dichloropropane-d6	5.995	67	105781	47.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.740%		
41) Toluene-d8	7.249	98	246075	43.009	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.020%		
43) trans-1,3-Dichloroprop...	7.558	79	48195	44.737	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.480%		
47) 2-Hexanone-d5	8.034	63	83050	95.184	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.180%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	150199	45.030	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.060%		
66) 1,2-Dichlorobenzene-d4	11.567	152	104886	51.558	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.120%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.719	101	7142	1.965	ug/L	100
12) 1,1-Dichloroethene	2.076	96	188441m	115.646	ug/L	
17) trans-1,2-Dichloroethene	2.703	96	7929	4.662	ug/L	81
19) 1,1-Dichloroethane	3.121	63	536088	146.034	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	124897	67.948	ug/L	95
25) Chloroform	4.294	83	14343	3.759	ug/L	96
30) 1,1,1-Trichloroethane	4.519	97	1387433	390.671	ug/L	100
34) Trichloroethene	5.841	95	106872	54.231	ug/L	96
45) 1,1,2-Trichloroethane	7.780	97	4270	2.087	ug/L	95
46) Tetrachloroethene	7.911	164	130521	84.388	ug/L	97

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

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