

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031539.D
 Acq On : 15 Jun 2023 18:19
 Operator : SY/MD
 Sample : 03249-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT7

Quant Time: Jun 16 02:51:05 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	237528	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	231541	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	125701	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	68510	43.338	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.680%		
7) Chloroethane-d5	1.539	69	62648	45.419	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.840%		
11) 1,1-Dichloroethene-d2	2.066	65	34552	42.409	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.820%		
21) 2-Butanone-d5	3.799	46	128632	100.491	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.490%		
24) Chloroform-d	4.259	84	170918m	43.171	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.340%		
26) 1,2-Dichloroethane-d4	4.950	65	113536	45.835	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.680%		
32) Benzene-d6	4.969	84	305773	46.917	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.840%		
36) 1,2-Dichloropropane-d6	5.995	67	109004	47.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.380%		
41) Toluene-d8	7.249	98	263899	44.125	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.260%		
43) trans-1,3-Dichloroprop...	7.558	79	50489	44.836	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.680%		
47) 2-Hexanone-d5	8.030	63	88615	97.160	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.160%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	156064	44.760	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.520%		
66) 1,2-Dichlorobenzene-d4	11.567	152	122358	51.066	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.140%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	198226	84.111	ug/L	99
8) Chloroethane	1.555	64	512257	336.536	ug/L	95
12) 1,1-Dichloroethene	2.076	96	9554	5.436	ug/L #	1
17) trans-1,2-Dichloroethene	2.706	96	13081	7.130	ug/L	99
19) 1,1-Dichloroethane	3.121	63	1649528	416.598	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	653536	329.634	ug/L	99
27) 1,2-Dichloroethane	5.063	62	5752	1.811	ug/L #	77
30) 1,1,1-Trichloroethane	4.523	97	581937	156.760	ug/L	99
33) Benzene	5.024	78	6193	0.803	ug/L	100
34) Trichloroethene	5.850	95	10878	5.281	ug/L	92
42) Toluene	7.326	91	67508	8.446	ug/L	98
46) Tetrachloroethene	7.911	164	22690	14.034	ug/L	97
52) Ethylbenzene	8.953	91	39402	4.418	ug/L	97
53) m,p-Xylene	9.079	106	15656	4.793	ug/L	96
54) o-Xylene	9.487	106	12244	3.950	ug/L	99
60) Isopropylbenzene	9.876	105	7290	0.910	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	13001	1.963	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	56483	9.153	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	6164	1.520	ug/L #	80

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

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