

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031532.D
 Acq On : 15 Jun 2023 15:36
 Operator : SY/MD
 Sample : 03249-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT0

Quant Time: Jun 16 02:48:58 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	162063	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	163817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	83844	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	45165	41.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.740%		
7) Chloroethane-d5	1.535	69	42224	44.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.740%		
11) 1,1-Dichloroethene-d2	2.063	65	23891	42.979	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.960%		
21) 2-Butanone-d5	3.802	46	105231	120.490	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	120.490%		
24) Chloroform-d	4.259	84	120719	44.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.380%		
26) 1,2-Dichloroethane-d4	4.950	65	82431	48.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.540%		
32) Benzene-d6	4.969	84	211703	45.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.820%		
36) 1,2-Dichloropropane-d6	5.995	67	78066	47.767	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.540%		
41) Toluene-d8	7.252	98	176669	41.752	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.500%		
43) trans-1,3-Dichloroprop...	7.561	79	35329	44.343	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.680%		
47) 2-Hexanone-d5	8.034	63	72727	112.706	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.710%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	121676	49.325	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.640%		
66) 1,2-Dichlorobenzene-d4	11.567	152	79842	49.957	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.920%		
Target Compounds						Qvalue
5) Vinyl chloride	1.288	62	88962	55.326	ug/L	98
8) Chloroethane	1.551	64	5915	5.695	ug/L	99
12) 1,1-Dichloroethene	2.076	96	5267	4.392	ug/L #	1
17) trans-1,2-Dichloroethene	2.703	96	3074	2.456	ug/L	96
19) 1,1-Dichloroethane	3.121	63	268236	99.290	ug/L	100
20) cis-1,2-Dichloroethene	3.821	96	427857	316.295	ug/L	100
25) Chloroform	4.288	83	5148	1.833	ug/L	95
27) 1,2-Dichloroethane	5.059	62	2105	0.971	ug/L #	89
30) 1,1,1-Trichloroethane	4.522	97	134359	51.156	ug/L	100
34) Trichloroethene	5.841	95	18030	12.371	ug/L	88
35) Methylcyclohexane	6.053	83	2270	1.057	ug/L	95
42) Toluene	7.329	91	7703	1.362	ug/L	92
46) Tetrachloroethene	7.911	164	31477	27.518	ug/L	95
52) Ethylbenzene	8.960	91	4081	0.647	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	11377	2.575	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	18767	4.559	ug/L	99

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