

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031526.D
 Acq On : 15 Jun 2023 13:18
 Operator : SY/MD
 Sample : 03249-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS4

Quant Time: Jun 16 02:47:08 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	170556	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	173571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	111442	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	57644	50.783	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.560%	
7) Chloroethane-d5	1.536	69	46492	46.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 93.880%	
11) 1,1-Dichloroethene-d2	2.066	65	25069	42.852	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 85.700%	
21) 2-Butanone-d5	3.796	46	118842	129.299	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 129.300%	
24) Chloroform-d	4.259	84	131157	46.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 92.280%	
26) 1,2-Dichloroethane-d4	4.950	65	89317	50.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.440%	
32) Benzene-d6	4.970	84	224767	46.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 92.020%	
36) 1,2-Dichloropropane-d6	5.995	67	83503	48.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 96.440%	
41) Toluene-d8	7.249	98	189737	42.320	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 84.640%	
43) trans-1,3-Dichloroprop...	7.558	79	41338	48.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 97.940%	
47) 2-Hexanone-d5	8.030	63	77226	112.953	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 112.950%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	135092	51.686	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 103.380%	
66) 1,2-Dichlorobenzene-d4	11.567	152	104685	49.280	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 98.560%	
Target Compounds						Qvalue
5) Vinyl chloride	1.288	62	1244611	735.484	ug/L	98
8) Chloroethane	1.555	64	465595	425.990	ug/L	95
12) 1,1-Dichloroethene	2.076	96	12426	9.846	ug/L #	1
13) Acetone	2.127	43	4224	4.657	ug/L	97
16) Methylene chloride	2.455	84	6633	4.192	ug/L	93
17) trans-1,2-Dichloroethene	2.703	96	41816	31.743	ug/L	97
19) 1,1-Dichloroethane	3.121	63	3841001	1350.982	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	1743938	1225.016	ug/L	98
27) 1,2-Dichloroethane	5.053	62	36255	15.894	ug/L	97
29) Cyclohexane	4.593	56	3309	1.465	ug/L #	85
30) 1,1,1-Trichloroethane	4.523	97	380142	136.601	ug/L	99
33) Benzene	5.021	78	69209	11.976	ug/L	100
34) Trichloroethene	5.841	95	30602	19.817	ug/L	97
35) Methylcyclohexane	6.053	83	3948	1.735	ug/L	95
40) 4-Methyl-2-pentanone	7.178	43	6931	3.478	ug/L	95
42) Toluene	7.323	91	279903	46.715	ug/L	99
45) 1,1,2-Trichloroethane	7.780	97	4296	2.680	ug/L	87
46) Tetrachloroethene	7.915	164	2598	2.144	ug/L	92
52) Ethylbenzene	8.953	91	973645	145.631	ug/L	100

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53) m,p-Xylene	9.079	106	1252062	511.382	ug/L	98
54) o-Xylene	9.484	106	659616	283.894	ug/L	99
60) Isopropylbenzene	9.873	105	99545	14.011	ug/L	100
62) 1,3,5-Trimethylbenzene	10.481	105	1015608	172.958	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	5379204	983.175	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	64154	17.845	ug/L	95

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

