

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031530.D
 Acq On : 15 Jun 2023 14:50
 Operator : SY/MD
 Sample : 03249-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS8

Quant Time: Jun 16 02:48:25 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	182209	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	180082	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	95714	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	67643	55.781	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 111.560%	
7) Chloroethane-d5	1.536	69	62130	58.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 117.440%	
11) 1,1-Dichloroethene-d2	2.066	65	35535	56.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.720%	
21) 2-Butanone-d5	3.796	46	127249	129.591	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 129.590%	
24) Chloroform-d	4.259	84	169801	55.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.820%	
26) 1,2-Dichloroethane-d4	4.950	65	112952	59.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.880%	
32) Benzene-d6	4.969	84	302575	59.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 119.380%	
36) 1,2-Dichloropropane-d6	5.995	67	106838	59.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 118.940%	
41) Toluene-d8	7.249	98	259740	55.840	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 111.680%	
43) trans-1,3-Dichloroprop...	7.558	79	51228	58.491	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 116.980%	
47) 2-Hexanone-d5	8.030	63	85972	121.198	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 121.200%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	153311	56.535	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 113.080%	
66) 1,2-Dichlorobenzene-d4	11.567	152	116623	63.921	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 127.840%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	164161	90.804	ug/L	98
8) Chloroethane	1.555	64	15292	13.096	ug/L	99
9) Trichlorofluoromethane	1.719	101	2153	0.716	ug/L	95
12) 1,1-Dichloroethene	2.076	96	25732	19.086	ug/L #	33
17) trans-1,2-Dichloroethene	2.703	96	11304	8.032	ug/L	96
19) 1,1-Dichloroethane	3.121	63	1116056	367.442	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	1911218	1256.661	ug/L	98
27) 1,2-Dichloroethane	5.063	62	6166	2.530	ug/L	95
30) 1,1,1-Trichloroethane	4.523	97	1186101	410.807	ug/L	100
33) Benzene	5.021	78	7470	1.246	ug/L	100
34) Trichloroethene	5.844	95	12579	7.851	ug/L	97
42) Toluene	7.326	91	11597	1.866	ug/L	94
46) Tetrachloroethene	7.911	164	31106	24.738	ug/L	92
52) Ethylbenzene	8.956	91	14501	2.091	ug/L	99
53) m,p-Xylene	9.088	106	1542	0.607	ug/L	81
54) o-Xylene	9.487	106	8229	3.414	ug/L	98
60) Isopropylbenzene	9.873	105	4103	0.672	ug/L	95
62) 1,3,5-Trimethylbenzene	10.484	105	6572	1.303	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	24658	5.247	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	11.587	146	3210	1.040	ug/L	92

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

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