

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033509.D
 Acq On : 20 Dec 2023 14:10
 Operator : SY/MD
 Sample : 05927-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGWA3

Quant Time: Dec 21 01:47:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	265057	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	268920	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	114781	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	100928	49.446	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.900%
7) Chloroethane-d5	1.532	69	89739	48.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.980%
11) 1,1-Dichloroethene-d2	2.060	65	45684	44.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.920%
21) 2-Butanone-d5	3.783	46	93128	90.527	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.530%
24) Chloroform-d	4.249	84	188082	46.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.160%
26) 1,2-Dichloroethane-d4	4.940	65	123026	49.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.200%
32) Benzene-d6	4.960	84	362339	50.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.060%
36) 1,2-Dichloropropane-d6	5.989	67	115816	52.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.380%
41) Toluene-d8	7.243	98	297959	44.959	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.920%
43) trans-1,3-Dichloroprop...	7.555	79	49026	45.508	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.020%
47) 2-Hexanone-d5	8.024	63	59165	80.022	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.020%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	143324	45.364	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.720%
66) 1,2-Dichlorobenzene-d4	11.561	152	110487	51.224	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.440%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.812	96	8234	4.113	ug/L	97
34) Trichloroethene	5.847	95	6610	3.361	ug/L	87
51) Chlorobenzene	8.821	112	8761	1.600	ug/L #	86
65) 1,4-Dichlorobenzene	11.210	146	8799	2.413	ug/L	88
67) 1,2-Dichlorobenzene	11.580	146	11872	3.367	ug/L #	88
70) 1,2,4-trichlorobenzene	13.204	180	4181	2.042	ug/L	94

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

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