

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031535.D
 Acq On : 15 Jun 2023 16:46
 Operator : SY/MD
 Sample : 03249-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT3

Quant Time: Jun 16 02:49:56 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	189154	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	187707	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	90584	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48581	38.591	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.180%		
7) Chloroethane-d5	1.532	69	48153	43.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.680%		
11) 1,1-Dichloroethene-d2	2.066	65	25959	40.010	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.020%		
21) 2-Butanone-d5	3.799	46	117691	115.457	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.460%		
24) Chloroform-d	4.259	84	134359	42.616	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.240%		
26) 1,2-Dichloroethane-d4	4.950	65	92002	46.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.280%		
32) Benzene-d6	4.969	84	242250	45.850	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.700%		
36) 1,2-Dichloropropane-d6	5.995	67	87414	46.679	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.360%		
41) Toluene-d8	7.249	98	199404	41.127	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.260%		
43) trans-1,3-Dichloroprop...	7.558	79	41016	44.929	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.860%		
47) 2-Hexanone-d5	8.034	63	78225	105.797	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.800%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	133540	47.244	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.480%		
66) 1,2-Dichlorobenzene-d4	11.567	152	87061	50.421	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.840%		
Target Compounds						Qvalue
5) Vinyl chloride	1.288	62	24568	13.091	ug/L	100
12) 1,1-Dichloroethene	2.076	96	15277	10.915	ug/L #	29
17) trans-1,2-Dichloroethene	2.706	96	5211	3.567	ug/L	89
19) 1,1-Dichloroethane	3.117	63	1041773	330.392	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	918732	581.904	ug/L	99
25) Chloroform	4.291	83	7673	2.341	ug/L	97
30) 1,1,1-Trichloroethane	4.522	97	766843	254.807	ug/L	99
34) Trichloroethene	5.847	95	4718	2.825	ug/L	94
46) Tetrachloroethene	7.911	164	9653	7.365	ug/L	92
54) o-Xylene	9.490	106	1894	0.754	ug/L	73
63) 1,2,4-Trimethylbenzene	10.860	105	8402	1.889	ug/L	95

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

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