

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072224\
 Data File : VW036633.D
 Acq On : 22 Jul 2024 17:36
 Operator : SY/MD
 Sample : P3276-04
 Misc : 9.56g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1ZS7

Quant Time: Jul 23 02:07:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	462270	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	433774	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	171984	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	64436	12.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.920%
7) Chloroethane-d5	1.526	69	68828	15.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.200%
11) 1,1-Dichloroethene-d2	2.047	65	31953	11.936	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.760%
21) 2-Butanone-d5	3.834	46	54280	45.938	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.880%
24) Chloroform-d	4.243	84	225538	18.448	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	4.937	65	128290	21.270	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.080%
32) Benzene-d6	4.953	84	324218	15.771	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.080%
36) 1,2-Dichloropropane-d6	5.985	67	115373	19.696	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.800%
41) Toluene-d8	7.243	98	254841	12.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	51.960%
43) trans-1,3-Dichloroprop...	7.554	79	47866	18.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.520%
47) 2-Hexanone-d5	8.030	63	40009	51.322	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.640%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	132553	25.963	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	136639	22.759	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.040%
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	36856	4.941	ug/L	98
16) Methylene chloride	2.439	84	37911	4.408	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	66187	8.800	ug/L	99

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

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