

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036642.D
 Acq On : 23 Jul 2024 13:36
 Operator : SY/MD
 Sample : P3328-04
 Misc : 8.23g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1ZT5

Quant Time: Jul 24 00:59:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	199492	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	183436	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	64026	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	32528	14.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.560%
7) Chloroethane-d5	1.526	69	37297	18.900	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.050	65	16025	13.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.480%
21) 2-Butanone-d5	3.828	46	22207	43.551	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.100%
24) Chloroform-d	4.246	84	108556	20.575	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.320%
26) 1,2-Dichloroethane-d4	4.941	65	58957	22.651	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	4.957	84	146900	16.897	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.600%
36) 1,2-Dichloropropane-d6	5.989	67	54721	22.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.360%
41) Toluene-d8	7.243	98	108893	13.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	52.480%
43) trans-1,3-Dichloroprop...	7.561	79	18670	16.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.800%
47) 2-Hexanone-d5	8.034	63	14118	42.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.640%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	60210	27.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.560%
66) 1,2-Dichlorobenzene-d4	11.561	152	51221	22.917	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.680%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.812	96	32594	10.042	ug/L	96
34) Trichloroethene	5.825	95	1650967	484.282	ug/L	98
46) Tetrachloroethene	7.911	164	2464	0.728	ug/L	91

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

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