

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036717.D
 Acq On : 25 Jul 2024 19:05
 Operator : SY/MD
 Sample : P3328-17
 Misc : 9.29g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 26 05:03:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	465275	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	424090	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	138324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	52529	10.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.240%
7) Chloroethane-d5	1.526	69	65994	14.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.360%
11) 1,1-Dichloroethene-d2	2.047	65	28686	10.646	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.600%#
21) 2-Butanone-d5	3.857	46	27297	22.953	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.900%
24) Chloroform-d	4.243	84	217611	17.684	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.720%
26) 1,2-Dichloroethane-d4	4.937	65	122312	20.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	4.953	84	299937	14.923	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	59.680%
36) 1,2-Dichloropropane-d6	5.985	67	114068	19.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.680%
41) Toluene-d8	7.243	98	227771	11.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	47.480%
43) trans-1,3-Dichloroprop...	7.555	79	36344	14.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.120%
47) 2-Hexanone-d5	8.037	63	19892	26.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.200%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	123326	24.707	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	103466	21.427	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.720%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.439	84	66171	7.644	ug/L	96
22) 2-Butanone	3.892	43	2593	1.581	ug/L #	44
25) Chloroform	4.278	83	6813	0.496	ug/L	95
34) Trichloroethene	5.834	95	12907	1.638	ug/L	97
48) 2-Hexanone	8.034	43	1688	0.832	ug/L #	82
61) 1,2,3-Trichloropropane	11.181	75	12952	5.312	ug/L #	61

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

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