

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036710.D
 Acq On : 25 Jul 2024 16:23
 Operator : SY/MD
 Sample : P3328-01
 Misc : 8.60g/10mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 26 05:02:25 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	366603	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	298364	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	86824	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	50351	12.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.160%
7) Chloroethane-d5	1.526	69	58623	16.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.680%
11) 1,1-Dichloroethene-d2	2.050	65	25041	11.795	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.160%
21) 2-Butanone-d5	3.831	46	51630	55.098	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.200%
24) Chloroform-d	4.243	84	189159	19.510	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.040%
26) 1,2-Dichloroethane-d4	4.937	65	106262	22.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.880%
32) Benzene-d6	4.954	84	258659	18.292	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.160%
36) 1,2-Dichloropropane-d6	5.982	67	97460	24.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.760%
41) Toluene-d8	7.240	98	186728	13.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.360%
43) trans-1,3-Dichloroprop...	7.555	79	31575	17.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.520%
47) 2-Hexanone-d5	8.031	63	36075	67.277	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.560%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	115970	33.023	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.080%#
66) 1,2-Dichlorobenzene-d4	11.558	152	87399	28.836	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.360%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	2831	0.479	ug/L #	56
13) Acetone	2.147	43	5614	3.688	ug/L #	1
16) Methylene chloride	2.442	84	21502	3.152	ug/L	100
20) cis-1,2-Dichloroethene	3.818	96	3123	0.524	ug/L	99
71) Naphthalene	13.455	128	3239	0.572	ug/L	97

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

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