

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052424\
 Data File : VW035772.D
 Acq On : 25 May 2024 00:56
 Operator : SY/MD
 Sample : P2570-13RE
 Misc : 5.51g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5Q9RE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 25 02:49:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.548	114	25870	25.000	ug/L	# 0.02
28) Chlorobenzene-d5	8.793	117	31798	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	14579	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	9565	23.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.680%
7) Chloroethane-d5	1.532	69	10025	31.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.320%
11) 1,1-Dichloroethene-d2	2.056	65	4621	26.104	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.400%
21) 2-Butanone-d5	3.905	46	6425m	56.621	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.240%
24) Chloroform-d	4.259	84	29576	38.455	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	153.840%#
26) 1,2-Dichloroethane-d4	4.953	65	20596	54.169	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	216.680%#
32) Benzene-d6	4.966	84	40262	23.131	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.520%
36) 1,2-Dichloropropane-d6	5.995	67	19270	35.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	143.480%#
41) Toluene-d8	7.252	98	25709	16.596	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.400%
43) trans-1,3-Dichloroprop...	7.584	79	5360m	23.332	ug/L	0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.320%
47) 2-Hexanone-d5	8.072	63	1608m	16.648	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.300%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18550	35.837	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	143.360%#
66) 1,2-Dichlorobenzene-d4	11.564	152	11042	21.824	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.280%
Target Compounds					Qvalue	
13) Acetone	2.127	43	2557	15.393	ug/L	# 49
16) Methylene chloride	2.449	84	9506	15.935	ug/L	100

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

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