

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035753.D
 Acq On : 24 May 2024 17:40
 Operator : SY/MD
 Sample : P2577-10
 Misc : 2.35g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBN8

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:49:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:42:56 2024
 Response via : Initial Calibration

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene		5.535	114	208296	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.786	117	111841	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.188	152	21482	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.275	65	136840	42.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	170.000%	#
7) Chloroethane-d5		1.529	69	104175	40.110	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	160.440%	#
11) 1,1-Dichloroethene-d2		2.053	65	49929	35.030	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	140.120%	#
21) 2-Butanone-d5		3.863	46	40097m	43.886	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.780%	
24) Chloroform-d		4.249	84	166709	26.921	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.680%	
26) 1,2-Dichloroethane-d4		4.944	65	98873	32.297	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.200%	
32) Benzene-d6		4.960	84	292095	47.711	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	190.840%	#
36) 1,2-Dichloropropane-d6		5.989	67	93730	49.610	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	198.440%	#
41) Toluene-d8		7.246	98	158621	29.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.440%	
43) trans-1,3-Dichloroprop...		7.564	79	20947	25.924	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.680%	
47) 2-Hexanone-d5		8.047	63	8489	24.987	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.980%	
56) 1,1,2,2-Tetrachloroeth...		10.156	84	42407	23.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.160%	
66) 1,2-Dichlorobenzene-d4		11.564	152	15679	21.031	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.120%	
Target Compounds							Qvalue
13) Acetone		2.153	43	184858m	138.217	ug/L	
15) Methyl Acetate		2.391	43	16437	8.112	ug/L	# 81
16) Methylene chloride		2.442	84	26675	5.553	ug/L	96

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

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