

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052424\
 Data File : VW035763.D
 Acq On : 24 May 2024 21:29
 Operator : SY/MD
 Sample : P2589-07
 Misc : 6.29g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5W6

Manual Integrations
 APPROVED

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

Quant Time: May 25 02:47:47 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	5.555	114	15942	25.000	ug/L	0.02
28) Chlorobenzene-d5	8.796	117	19126	25.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.194	152	7267	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	8087	32.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.280%
7) Chloroethane-d5	1.532	69	7403	37.242	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	148.960%
11) 1,1-Dichloroethene-d2	2.056	65	3369	30.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	123.520%#
21) 2-Butanone-d5	3.931	46	3829m	54.757	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.520%
24) Chloroform-d	4.256	84	14501	30.596	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.400%
26) 1,2-Dichloroethane-d4	4.963	65	8975	38.305	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	153.240%#
32) Benzene-d6	4.969	84	23899	22.827	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.320%
36) 1,2-Dichloropropane-d6	5.998	67	9645	29.852	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.400%
41) Toluene-d8	7.255	98	16529	17.739	ug/L	0.02
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.960%
43) trans-1,3-Dichloroprop...	7.583	79	2508m	18.150	ug/L	0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.600%
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.159	84	5729	18.401	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	5351	21.217	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.880%
Target Compounds					Qvalue	
13) Acetone	2.134	43	1934m	18.894	ug/L	
16) Methylene chloride	2.449	84	4186	11.387	ug/L	93

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

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