

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052424\
 Data File : VW035761.D
 Acq On : 24 May 2024 20:43
 Operator : SY/MD
 Sample : P2589-03
 Misc : 5.65g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5W4

Quant Time: May 25 02:47:16 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.548	114	33991	25.000	ug/L	0.02
28) Chlorobenzene-d5	8.793	117	35638	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	14444	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	14352	27.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.280%
7) Chloroethane-d5	1.529	69	12806	30.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.840%
11) 1,1-Dichloroethene-d2	2.057	65	5701	24.511	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.040%
21) 2-Butanone-d5	3.870	46	6421m	43.066	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.140%
24) Chloroform-d	4.259	84	29000	28.698	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.800%
26) 1,2-Dichloroethane-d4	4.953	65	17680	35.390	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	141.560%#
32) Benzene-d6	4.966	84	45146	23.142	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	5.995	67	17921	29.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.080%
41) Toluene-d8	7.252	98	30914	17.805	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.240%
43) trans-1,3-Dichloroprop...	7.577	79	5675m	22.041	ug/L	0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.160%
47) 2-Hexanone-d5	8.066	63	1661	15.343	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.680%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	14294	24.639	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.560%
66) 1,2-Dichlorobenzene-d4	11.564	152	10870	21.685	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.720%
Target Compounds						Qvalue
13) Acetone	2.134	43	2699	12.366	ug/L	95
16) Methylene chloride	2.449	84	7326	9.346	ug/L	97

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

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