

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070324\
 Data File : VV036435.D
 Acq On : 03 Jul 2024 11:53
 Operator : SY/MD
 Sample : P3100-21
 Misc : 4.82g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D38

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/08/2024
 Supervised By :Semsettin Yesilyurt 07/08/2024

Quant Time: Jul 04 02:08:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 02:05:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	474072	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	410098	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	152613	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	173767	21.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.320%
7) Chloroethane-d5	1.526	69	138454	21.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.120%
11) 1,1-Dichloroethene-d2	2.053	65	78242	20.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.680%
21) 2-Butanone-d5	3.818	46	17959m	9.611	ug/L	-0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.220%#
24) Chloroform-d	4.243	84	242146	17.304	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.200%
26) 1,2-Dichloroethane-d4	4.940	65	90980	12.192	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	48.760%#
32) Benzene-d6	4.953	84	495428	21.401	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.985	67	134258	19.281	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.120%
41) Toluene-d8	7.239	98	425243	20.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.480%
43) trans-1,3-Dichloroprop...	7.555	79	38024	12.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	48.920%
47) 2-Hexanone-d5	8.037	63	10215	9.190	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.380%#
56) 1,1,2,2-Tetrachloroeth...	10.152	84	60589	10.615	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	42.440%#
66) 1,2-Dichlorobenzene-d4	11.558	152	106312	19.116	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.480%

Target Compounds Qvalue

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

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