

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036405.D
 Acq On : 02 Jul 2024 03:42
 Operator : SY/MD
 Sample : P3087-24
 Misc : 4.77g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CZ6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jul 02 05:29:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	592309	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	564099	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	229102	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	138658	13.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.120%
7) Chloroethane-d5	1.526	69	130763	16.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.080%
11) 1,1-Dichloroethene-d2	2.050	65	65590	13.870	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.480%
21) 2-Butanone-d5	3.857	46	36419m	15.599	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.200%
24) Chloroform-d	4.240	84	312440	17.870	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.480%
26) 1,2-Dichloroethane-d4	4.937	65	166394	17.846	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.400%
32) Benzene-d6	4.953	84	572934	17.992	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.960%
36) 1,2-Dichloropropane-d6	5.982	67	188951	19.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.920%
41) Toluene-d8	7.239	98	475727	16.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.280%
43) trans-1,3-Dichloroprop...	7.551	79	55841	13.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	52.240%
47) 2-Hexanone-d5	8.034	63	17449	11.413	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.820%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	132063	16.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.280%
66) 1,2-Dichlorobenzene-d4	11.558	152	163444	19.577	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.320%

Target Compounds Qvalue

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

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