

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036384.D
 Acq On : 01 Jul 2024 18:29
 Operator : SY/MD
 Sample : P3087-10
 Misc : 5.48g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CE6

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 02:41:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 02:29:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	519300	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	535222	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	227612	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	133197	15.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.400%
7) Chloroethane-d5	1.526	69	125805	17.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.440%
11) 1,1-Dichloroethene-d2	2.050	65	66651	16.076	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.320%
21) 2-Butanone-d5	3.841	46	42917m	20.967	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.940%
24) Chloroform-d	4.243	84	290000	18.919	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.680%
26) 1,2-Dichloroethane-d4	4.937	65	150999	18.472	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.880%
32) Benzene-d6	4.953	84	540347	17.884	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.520%
36) 1,2-Dichloropropane-d6	5.986	67	175427	19.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.200%
41) Toluene-d8	7.239	98	452806	16.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.480%
43) trans-1,3-Dichloroprop...	7.551	79	62091	15.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.200%
47) 2-Hexanone-d5	8.030	63	30269	20.866	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.740%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	126184	16.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	177157	21.358	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.440%

Target Compounds Qvalue

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

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