

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036383.D
 Acq On : 01 Jul 2024 18:06
 Operator : SY/MD
 Sample : P3087-09
 Misc : 5.47g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CC1

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 02:40:58 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	295734	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	171260	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	31672	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	103712	20.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.600%
7) Chloroethane-d5	1.526	69	101577	25.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.280%
11) 1,1-Dichloroethene-d2	2.050	65	48690	20.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.480%
21) 2-Butanone-d5	3.863	46	16742m	14.363	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.720%
24) Chloroform-d	4.243	84	200101	22.923	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.680%
26) 1,2-Dichloroethane-d4	4.937	65	113559	24.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.560%
32) Benzene-d6	4.953	84	342722	35.450	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.800%#
36) 1,2-Dichloropropane-d6	5.986	67	114619	39.416	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	157.680%#
41) Toluene-d8	7.243	98	192947	22.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.560%
43) trans-1,3-Dichloroprop...	7.558	79	29414	22.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.600%
47) 2-Hexanone-d5	8.043	63	8705	18.754	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	60846	25.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.120%
66) 1,2-Dichlorobenzene-d4	11.561	152	23888	20.697	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.800%

Target Compounds Qvalue

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

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