

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036173.D
 Acq On : 20 Jun 2024 19:45
 Operator : SY/MD
 Sample : VV0620SBL02
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK328

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/04/2024
 Supervised By :Mahesh Dadoda 07/04/2024

Quant Time: Jun 21 05:21:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	357728	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	366109	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	163213	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	121978	18.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.200%
7) Chloroethane-d5	1.526	69	106576m	20.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.280%
11) 1,1-Dichloroethene-d2	2.047	65	57492	19.636	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.560%
21) 2-Butanone-d5	3.834	46	67609	44.805	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.600%
24) Chloroform-d	4.243	84	247109	21.728	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.920%
26) 1,2-Dichloroethane-d4	4.940	65	145741	24.441	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.760%
32) Benzene-d6	4.953	84	487148	22.385	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.520%
36) 1,2-Dichloropropane-d6	5.985	67	155372	22.671	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.680%
41) Toluene-d8	7.239	98	411446	21.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.720%
43) trans-1,3-Dichloroprop...	7.555	79	62219	22.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.560%
47) 2-Hexanone-d5	8.030	63	51915	55.912	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.820%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	136472	26.649	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	155463	25.975	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.880%

Target Compounds Qvalue

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

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