

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036391.D
 Acq On : 01 Jul 2024 22:20
 Operator : SY/MD
 Sample : P3010-22
 Misc : 5.40g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CG4

Quant Time: Jul 02 05:25:56 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	477839	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	442367	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	155764	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	122427	15.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.360%
7) Chloroethane-d5	1.526	69	118370	18.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.040%
11) 1,1-Dichloroethene-d2	2.050	65	58224	15.262	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.040%
21) 2-Butanone-d5	3.870	46	16969m	9.010	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.020%#
24) Chloroform-d	4.243	84	269949	19.139	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.560%
26) 1,2-Dichloroethane-d4	4.937	65	144173	19.167	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.680%
32) Benzene-d6	4.954	84	494168	19.789	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.160%
36) 1,2-Dichloropropane-d6	5.982	67	163963	21.829	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.320%
41) Toluene-d8	7.240	98	388176	17.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.960%
43) trans-1,3-Dichloroprop...	7.555	79	38332	11.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.720%
47) 2-Hexanone-d5	8.040	63	9948	8.297	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.600%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	117406	19.068	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.280%
66) 1,2-Dichlorobenzene-d4	11.558	152	115476	20.344	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.360%

Target Compounds Qvalue

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

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