

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062424\
 Data File : VW036262.D
 Acq On : 24 Jun 2024 22:54
 Operator : SY/MD
 Sample : P3010-11
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4DE8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 25 06:29:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:53:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	540193	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	546832	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	232941	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	166212	16.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.960%
7) Chloroethane-d5	1.526	69	150173	18.964	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.840%
11) 1,1-Dichloroethene-d2	2.050	65	72219	16.335	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.320%
21) 2-Butanone-d5	3.844	46	54460m	23.900	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.800%
24) Chloroform-d	4.243	84	323309	18.826	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.320%
26) 1,2-Dichloroethane-d4	4.937	65	172159	19.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.480%
32) Benzene-d6	4.953	84	631863	19.439	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.760%
36) 1,2-Dichloropropane-d6	5.982	67	203022	19.834	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.320%
41) Toluene-d8	7.239	98	527416	18.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.560%
43) trans-1,3-Dichloroprop...	7.551	79	69608	16.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.320%
47) 2-Hexanone-d5	8.034	63	35374	25.507	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	138995	18.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.680%
66) 1,2-Dichlorobenzene-d4	11.558	152	185081	21.667	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.680%

Target Compounds Qvalue

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

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