

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036161.D
 Acq On : 20 Jun 2024 14:00
 Operator : SY/MD
 Sample : P2909-21
 Misc : 4.78g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:48:08 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	5.529	114	484265	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	342347	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	70496	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	143363	16.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.400%
7) Chloroethane-d5	1.526	69	126786	17.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.440%
11) 1,1-Dichloroethene-d2	2.050	65	65759	16.591	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.360%
21) 2-Butanone-d5	3.851	46	26252	12.851	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.700%
24) Chloroform-d	4.243	84	251284	16.322	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.280%
26) 1,2-Dichloroethane-d4	4.937	65	131931	16.344	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.360%#
32) Benzene-d6	4.953	84	450791	22.152	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	5.985	67	149811	23.377	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.520%
41) Toluene-d8	7.243	98	307266	17.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.440%
43) trans-1,3-Dichloroprop...	7.555	79	37800	14.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.560%
47) 2-Hexanone-d5	8.037	63	19251	22.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.340%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	76655	16.007	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.040%
66) 1,2-Dichlorobenzene-d4	11.561	152	39431	15.253	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	61.000%#
Target Compounds					Qvalue	
48) 2-Hexanone	8.069	43	8658	3.467	ug/L #	39

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

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