

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036162.D
 Acq On : 20 Jun 2024 14:43
 Operator : SY/MD
 Sample : P2909-22
 Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:48:14 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	233077	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	184763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.185	152	40597	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	123022	28.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.840%	
7) Chloroethane-d5		1.526	69	105201	30.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.160%	
11) 1,1-Dichloroethene-d2		2.047	65	55956	29.333	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	117.320%#	
21) 2-Butanone-d5		3.854	46	17768	18.072	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.140%	
24) Chloroform-d		4.240	84	210972	28.471	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.880%	
26) 1,2-Dichloroethane-d4		4.937	65	112828	29.041	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.160%	
32) Benzene-d6		4.950	84	385288	35.081	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	140.320%#	
36) 1,2-Dichloropropane-d6		5.982	67	126401	36.547	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	146.200%#	
41) Toluene-d8		7.240	98	268928	27.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.000%	
43) trans-1,3-Dichloroprop...		7.555	79	32468	22.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.600%	
47) 2-Hexanone-d5		8.034	63	15497	33.072	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.140%	
56) 1,1,2,2-Tetrachloroeth...		10.149	84	63958	24.747	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4		11.561	152	37905	25.461	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.840%	
Target Compounds							Qvalue
10) 1,1,2-Trichloro-1,2,2-...		2.050	101	1534	0.383	ug/L #	21
16) Methylene chloride		2.439	84	26008	4.931	ug/L	95
48) 2-Hexanone		8.072	43	1670	1.239	ug/L #	38

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

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