

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036157.D
 Acq On : 20 Jun 2024 12:16
 Operator : SY/MD
 Sample : P2909-15
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:47:43 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	639644	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	632908	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	253772	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	158123	13.446	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.800%
7) Chloroethane-d5	1.529	69	135810	14.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.920%
11) 1,1-Dichloroethene-d2	2.050	65	73172	13.977	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.920%
21) 2-Butanone-d5	3.828	46	62654	23.221	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.440%
24) Chloroform-d	4.243	84	292942	14.405	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	57.640%
26) 1,2-Dichloroethane-d4	4.941	65	161857	15.181	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	60.720%#
32) Benzene-d6	4.953	84	548493	14.579	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	58.320%
36) 1,2-Dichloropropane-d6	5.986	67	182935	15.441	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	61.760%#
41) Toluene-d8	7.239	98	438101	13.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	52.800%
43) trans-1,3-Dichloroprop...	7.551	79	64615	13.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.200%
47) 2-Hexanone-d5	8.030	63	40417	25.179	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.360%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	135802	15.339	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	61.360%
66) 1,2-Dichlorobenzene-d4	11.558	152	154231	16.573	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.280%#
Target Compounds						
					Qvalue	
48) 2-Hexanone	8.030	43	5690	1.232	ug/L #	72

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

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