

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036154.D
 Acq On : 20 Jun 2024 11:06
 Operator : SY/MD
 Sample : P2850-19
 Misc : 5.01g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:47:23 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	288274	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	296600	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	124252	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	124830	23.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.200%
7) Chloroethane-d5	1.526	69	107911	25.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.160%
11) 1,1-Dichloroethene-d2	2.047	65	59659	25.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.160%
21) 2-Butanone-d5	4.082	46	345	0.284	ug/L	0.24
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.560%#
24) Chloroform-d	4.243	84	240728	26.266	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.080%
26) 1,2-Dichloroethane-d4	4.937	65	134714	28.035	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.160%
32) Benzene-d6	4.954	84	446288	25.313	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.240%
36) 1,2-Dichloropropane-d6	5.986	67	152697	27.503	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.000%
41) Toluene-d8	7.240	98	361065	23.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.840%
43) trans-1,3-Dichloroprop...	7.551	79	55838	24.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.120%
47) 2-Hexanone-d5	8.031	63	32771	43.565	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	120440	29.030	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	127367	27.953	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2238	0.452	ug/L #	47
16) Methylene chloride	2.439	84	17024	2.610	ug/L	96
25) Chloroform	4.265	83	6118	0.637	ug/L	90
48) 2-Hexanone	8.034	43	4485	2.073	ug/L #	71
71) Naphthalene	13.452	128	2823	0.351	ug/L #	83

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

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