

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036167.D
 Acq On : 20 Jun 2024 16:39
 Operator : SY/MD
 Sample : P2873-21
 Misc : 5.04g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:48:46 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	5.532	114	336419	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	328098	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	106065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	145971	23.601	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.400%
7) Chloroethane-d5	1.526	69	118860	24.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.050	65	58553	21.265	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.080%
21) 2-Butanone-d5	3.831	46	35324	24.892	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.780%
24) Chloroform-d	4.243	84	245173	22.923	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.680%
26) 1,2-Dichloroethane-d4	4.937	65	137529	24.525	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.080%
32) Benzene-d6	4.953	84	459095	23.540	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	5.986	67	150350	24.480	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.920%
41) Toluene-d8	7.243	98	365583	21.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.960%
43) trans-1,3-Dichloroprop...	7.555	79	54187	21.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.080%
47) 2-Hexanone-d5	8.031	63	33009	39.669	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.340%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	107453	23.413	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.640%
66) 1,2-Dichlorobenzene-d4	11.558	152	91474	23.518	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.080%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	18067	8.173	ug/L	# 61
14) Carbon disulfide	2.233	76	85873	4.590	ug/L	100
16) Methylene chloride	2.442	84	38940	5.115	ug/L	99
46) Tetrachloroethene	7.902	164	206241	42.877	ug/L	98
53) m,p-Xylene	9.085	106	3348	0.380	ug/L	90
63) 1,2,4-Trimethylbenzene	10.854	105	5375	0.506	ug/L	98
71) Naphthalene	13.435	128	95650	13.926	ug/L	99

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

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