

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036171.D
 Acq On : 20 Jun 2024 18:12
 Operator : SY/MD
 Sample : P2856-05
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:49:11 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	426608	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	450953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	216193	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	202353	25.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.200%
7) Chloroethane-d5	1.526	69	159800	25.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.050	65	90977	26.056	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.240%
21) 2-Butanone-d5	3.831	46	65326	36.302	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.600%
24) Chloroform-d	4.243	84	347761	25.641	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.560%
26) 1,2-Dichloroethane-d4	4.937	65	195163	27.445	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.953	84	698367	26.053	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	5.985	67	212468	25.170	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.680%
41) Toluene-d8	7.242	98	608939	25.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	7.554	79	84765	24.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.960%
47) 2-Hexanone-d5	8.030	63	49911	43.640	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.280%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	156269	24.773	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.080%
66) 1,2-Dichlorobenzene-d4	11.557	152	227616	28.710	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.840%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	5552	0.758	ug/L #	67
13) Acetone	2.149	43	3251	1.160	ug/L #	22
16) Methylene chloride	2.442	84	37936	3.930	ug/L	96
25) Chloroform	4.275	83	7464	0.525	ug/L	89
46) Tetrachloroethene	7.908	164	5032	0.761	ug/L	98
48) 2-Hexanone	8.033	43	6632	2.016	ug/L #	68
49) Dibromochloromethane	7.908	129	4590	0.654	ug/L #	11
69) 1,3,5-Trichlorobenzene	13.204	180	3806	0.349	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	3806	0.444	ug/L	97
71) Naphthalene	13.442	128	32002	2.286	ug/L	100

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

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