

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035826.D
 Acq On : 26 May 2024 02:49
 Operator : SY/MD
 Sample : P2586-20
 Misc : 4.38g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4C56

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 27 07:05:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	536994	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	451112	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	138879	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	162024	19.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.080%
7) Chloroethane-d5	1.526	69	131941	19.705	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.840%
11) 1,1-Dichloroethene-d2	2.050	65	69243	18.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.360%
21) 2-Butanone-d5	3.905	46	12696m	5.390	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.780%#
24) Chloroform-d	4.243	84	295495	18.509	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.040%
26) 1,2-Dichloroethane-d4	4.937	65	165204	20.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.720%
32) Benzene-d6	4.953	84	512750	20.764	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.040%
36) 1,2-Dichloropropane-d6	5.985	67	183521	24.082	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.320%
41) Toluene-d8	7.243	98	385664	17.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	7.561	79	28032	8.601	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	34.400%
47) 2-Hexanone-d5	8.050	63	8130	5.933	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.860%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	125778	17.128	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.520%
66) 1,2-Dichlorobenzene-d4	11.561	152	89000	18.466	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.880%#
Target Compounds						Qvalue
15) Methyl Acetate	2.397	43	8814m	1.687	ug/L	

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

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