

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035822.D
 Acq On : 26 May 2024 01:16
 Operator : SY/MD
 Sample : P2586-16
 Misc : 4.69g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4C31

Manual Integrations
 APPROVED

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

Quant Time: May 27 05:34:22 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	5.532	114	527582	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	426238	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	129065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	162339	19.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.640%
7) Chloroethane-d5	1.526	69	138711	21.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.360%
11) 1,1-Dichloroethene-d2	2.053	65	67425	18.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.720%
21) 2-Butanone-d5	3.883	46	24550m	10.609	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.220%
24) Chloroform-d	4.243	84	302710	19.300	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	4.941	65	165918	21.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	4.957	84	523497	22.437	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.760%
36) 1,2-Dichloropropane-d6	5.985	67	184228	25.586	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	7.243	98	384014	18.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.960%
43) trans-1,3-Dichloroprop...	7.561	79	27490	8.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	35.720%
47) 2-Hexanone-d5	8.088	63	2361m	1.824	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.640%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	117303	16.906	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.640%
66) 1,2-Dichlorobenzene-d4	11.558	152	75177	16.784	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.120%#
Target Compounds					Qvalue	
13) Acetone	2.166	43	22150m	6.539	ug/L	

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

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