

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035824.D
 Acq On : 26 May 2024 02:02
 Operator : SY/MD
 Sample : P2586-18
 Misc : 4.16g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4C38

Manual Integrations
 APPROVED

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

Quant Time: May 27 05:34:52 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	5.551	114	21262	25.000	ug/L	0.02
28) Chlorobenzene-d5	8.792	117	27681	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	11953	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	5448	16.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.320%
7) Chloroethane-d5	1.532	69	6220	23.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.840%
11) 1,1-Dichloroethene-d2	2.060	65	2475	17.012	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.040%
21) 2-Butanone-d5	3.950	46	3024m	32.425	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.840%
24) Chloroform-d	4.256	84	16521	26.136	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.560%
26) 1,2-Dichloroethane-d4	4.960	65	10383	33.227	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.920%#
32) Benzene-d6	4.969	84	25894	17.089	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.360%
36) 1,2-Dichloropropane-d6	5.998	67	10452	22.352	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.400%
41) Toluene-d8	7.256	98	19093	14.158	ug/L	0.02
Spiked Amount	25.000	Range	30 - 130	Recovery	=	56.640%
43) trans-1,3-Dichloroprop...	7.587	79	3140m	15.701	ug/L	0.04
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.800%
47) 2-Hexanone-d5	8.159	63	602m	7.159	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.320%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	7249	16.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.360%
66) 1,2-Dichlorobenzene-d4	11.564	152	8387	20.218	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.880%

Target Compounds Qvalue

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

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