

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035787.D
 Acq On : 25 May 2024 11:30
 Operator : SY/MD
 Sample : P2577-06RE
 Misc : 6.14g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBN4RE

Manual Integrations
 APPROVED

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

Quant Time: May 27 01:43:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 01:41:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	469908	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	423180	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131755	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	155217	21.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.480%
7) Chloroethane-d5	1.529	69	124004	21.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	2.053	65	63573	19.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.080%
21) 2-Butanone-d5	3.860	46	74410m	36.101	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.200%
24) Chloroform-d	4.246	84	263392	18.854	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.400%
26) 1,2-Dichloroethane-d4	4.941	65	148561	21.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.040%
32) Benzene-d6	4.957	84	503843	21.750	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	5.989	67	166922	23.350	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	7.243	98	385278	18.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.760%
43) trans-1,3-Dichloroprop...	7.555	79	58629	19.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.720%
47) 2-Hexanone-d5	8.037	63	38016	29.574	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.140%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	131988	19.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.640%
66) 1,2-Dichlorobenzene-d4	11.561	152	97410	21.303	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.200%

Target Compounds Qvalue

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

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