

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036574.D
 Acq On : 16 Jul 2024 17:59
 Operator : SY/MD
 Sample : P3238-16
 Misc : 5.72g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BZ6

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/17/2024
 Supervised By :Mahesh Dadoda 07/19/2024

Quant Time: Jul 17 02:30:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	289566	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	233658	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	58284	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	85285	20.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.240%
7) Chloroethane-d5	1.526	69	85714	23.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
11) 1,1-Dichloroethene-d2	2.050	65	44050	20.678	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.720%
21) 2-Butanone-d5	0.000	46	0d	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
24) Chloroform-d	4.243	84	170938	20.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.120%
26) 1,2-Dichloroethane-d4	4.941	65	92258	22.069	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.280%
32) Benzene-d6	4.953	84	294007	25.222	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.880%
36) 1,2-Dichloropropane-d6	5.986	67	93596	26.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.760%
41) Toluene-d8	7.243	98	205737	19.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.520%
43) trans-1,3-Dichloroprop...	7.567	79	9032	6.253	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	25.000%#
47) 2-Hexanone-d5	8.063	63	868m	2.250	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	4.500%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	70288	24.023	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.080%
66) 1,2-Dichlorobenzene-d4	11.561	152	44894	22.697	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.800%
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	28307	4.755	ug/L	97

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

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