

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036575.D
 Acq On : 16 Jul 2024 18:22
 Operator : SY/MD
 Sample : P3238-17
 Misc : 5.04g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4C04

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 02:30:33 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	5.529	114	327237	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	276876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	81477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	100042	21.339	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.360%		
7) Chloroethane-d5	1.526	69	94800	23.128	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.520%		
11) 1,1-Dichloroethene-d2	2.047	65	42899	17.819	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.280%		
21) 2-Butanone-d5	3.860	46	18234m	22.724	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	45.440%		
24) Chloroform-d	4.243	84	185499	19.475	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.880%		
26) 1,2-Dichloroethane-d4	4.937	65	93892	19.874	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.480%		
32) Benzene-d6	4.953	84	313103	22.667	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.680%		
36) 1,2-Dichloropropane-d6	5.985	67	99671	24.212	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.840%		
41) Toluene-d8	7.243	98	207271	16.263	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	65.040%		
43) trans-1,3-Dichloroprop...	7.571	79	5576	3.258	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery =	13.040%#		
47) 2-Hexanone-d5	8.037	63	8563	18.729	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	37.460%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	61540	17.750	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	71.000%		
66) 1,2-Dichlorobenzene-d4	11.561	152	47103	17.035	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	68.160%#		
Target Compounds						Qvalue
13) Acetone	2.156	43	50042	44.111	ug/L	73
14) Carbon disulfide	2.230	76	8350	0.769	ug/L	97
16) Methylene chloride	2.439	84	69181	10.283	ug/L	98
22) 2-Butanone	3.937	43	18261m	19.173	ug/L	

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

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