

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052224\
 Data File : VW035666.D
 Acq On : 22 May 2024 11:42
 Operator : SY/MD
 Sample : P2547-16RE
 Misc : 6.02g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5X3RE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2024
 Supervised By :Mahesh Dadoda 05/27/2024

Quant Time: May 23 02:22:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 23 02:17:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	163484	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	144979	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45940	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	61067	24.167	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.680%			
7) Chloroethane-d5	1.529	69	55702	27.325	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.320%			
11) 1,1-Dichloroethene-d2	2.053	65	28559	25.529	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.120%			
21) 2-Butanone-d5	3.837	46	36167	50.435	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.880%			
24) Chloroform-d	4.249	84	134411	27.655	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.600%			
26) 1,2-Dichloroethane-d4	4.944	65	71014	29.555	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.240%			
32) Benzene-d6	4.960	84	226620	28.556	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.240%			
36) 1,2-Dichloropropane-d6	5.989	67	80776	32.981	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 131.920%#			
41) Toluene-d8	7.246	98	161808	22.909	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.640%			
43) trans-1,3-Dichloroprop...	7.561	79	23769	22.693	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.760%			
47) 2-Hexanone-d5	8.037	63	17648	40.073	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.140%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	66822	28.314	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.240%			
66) 1,2-Dichlorobenzene-d4	11.561	152	40230	25.233	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.920%			
Target Compounds					Qvalue	
13) Acetone	2.143	43	12506m	11.914	ug/L	
16) Methylene chloride	2.445	84	10831	2.873	ug/L	97

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

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