

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035762.D
 Acq On : 24 May 2024 21:06
 Operator : SY/MD
 Sample : P2589-04
 Misc : 5.61g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5W5

Manual Integrations
 APPROVED

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

Quant Time: May 25 02:47:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	70153	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	73989	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	30412	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	23727	21.882	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.520%		
7) Chloroethane-d5	1.529	69	21852	24.981	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.920%		
11) 1,1-Dichloroethene-d2	2.056	65	10094	21.028	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.120%		
21) 2-Butanone-d5	3.860	46	12767m	41.490	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.980%		
24) Chloroform-d	4.256	84	50839	24.376	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.520%		
26) 1,2-Dichloroethane-d4	4.950	65	30603	29.681	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	118.720%		
32) Benzene-d6	4.966	84	80386	19.848	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.400%		
36) 1,2-Dichloropropane-d6	5.992	67	30946	24.759	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.040%		
41) Toluene-d8	7.249	98	59038	16.378	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	65.520%		
43) trans-1,3-Dichloroprop...	7.571	79	9510	17.791	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery =	71.160%		
47) 2-Hexanone-d5	8.050	63	3732	16.605	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	33.200%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23450	19.470	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.880%		
66) 1,2-Dichlorobenzene-d4	11.564	152	21643	20.506	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.040%		
Target Compounds					Qvalue	
13) Acetone	2.146	43	3057m	6.787	ug/L	
16) Methylene chloride	2.449	84	10035	6.203	ug/L	91

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

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