

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035866.D
 Acq On : 29 May 2024 16:26
 Operator : SY/MD
 Sample : P2568-23
 Misc : 5.01g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: May 30 01:19:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 01:13:31 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024
 Supervised By :Semsettin Yesilyurt 05/31/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	403411	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	418991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	186342	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	174742	28.025	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.120%			
7) Chloroethane-d5	1.529	69	142107	28.251	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.000%			
11) 1,1-Dichloroethene-d2	2.053	65	77229	27.977	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 111.920%#			
21) 2-Butanone-d5	3.838	46	84917m	47.989	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.980%			
24) Chloroform-d	4.246	84	307934	25.676	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.720%			
26) 1,2-Dichloroethane-d4	4.940	65	171430	28.914	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.640%			
32) Benzene-d6	4.957	84	604804	26.370	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.480%			
36) 1,2-Dichloropropane-d6	5.985	67	194146	27.429	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.720%			
41) Toluene-d8	7.243	98	491804	24.093	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.360%			
43) trans-1,3-Dichloroprop...	7.554	79	75391	24.905	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.640%			
47) 2-Hexanone-d5	8.034	63	50958	40.038	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.080%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	156098	22.887	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.560%			
66) 1,2-Dichlorobenzene-d4	11.558	152	187356	28.971	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 115.880%			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	40362	4.339	ug/L	93

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

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