

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035871.D
 Acq On : 29 May 2024 18:21
 Operator : SY/MD
 Sample : VIBLK289
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK289

Quant Time: May 30 01:20:38 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	244482	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	164876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	36915	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	123188	32.600	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 130.400%			
7) Chloroethane-d5	1.529	69	105717	34.679	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 138.720%			
11) 1,1-Dichloroethene-d2	2.050	65	54287	32.451	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 129.800%#			
21) 2-Butanone-d5	3.889	46	8672m	8.087	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery = 16.180%#			
24) Chloroform-d	4.246	84	218802	30.103	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 120.400%			
26) 1,2-Dichloroethane-d4	4.940	65	105866	29.463	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.840%			
32) Benzene-d6	4.957	84	360766	39.973	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 159.880%#			
36) 1,2-Dichloropropane-d6	5.985	67	140915	50.593	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 202.360%#			
41) Toluene-d8	7.243	98	231346	28.801	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 115.200%			
43) trans-1,3-Dichloroprop...	7.564	79	16441	13.802	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery = 55.200%			
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.000%#			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	107666	40.116	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 160.480%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	38372	29.952	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 119.800%			
Target Compounds						Qvalue
15) Methyl Acetate	2.391	43	11347	4.771	ug/L	99
16) Methylene chloride	2.442	84	32728	5.805	ug/L	97

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

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