

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035872.D
 Acq On : 29 May 2024 18:44
 Operator : SY/MD
 Sample : P2632-18
 Misc : 5.01g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB4

Quant Time: May 30 01:20:51 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	307076	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	292200	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99154	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	123379	25.995	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.000%			
7) Chloroethane-d5	1.529	69	111198	29.041	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.160%			
11) 1,1-Dichloroethene-d2	2.053	65	55072	26.210	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.840%			
21) 2-Butanone-d5	3.864	46	32280m	23.965	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 47.940%			
24) Chloroform-d	4.246	84	254430	27.870	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.480%			
26) 1,2-Dichloroethane-d4	4.941	65	144414	31.999	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 128.000%			
32) Benzene-d6	4.957	84	444440	27.786	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.160%			
36) 1,2-Dichloropropane-d6	5.986	67	166042	33.638	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 134.560%#			
41) Toluene-d8	7.243	98	325013	22.831	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.320%			
43) trans-1,3-Dichloroprop...	7.558	79	36323	17.206	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 68.840%			
47) 2-Hexanone-d5	8.040	63	12575	14.167	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 28.340%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	132269	27.808	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.240%			
66) 1,2-Dichlorobenzene-d4	11.558	152	91320	26.538	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.160%			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	39324	5.553	ug/L	96

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

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