

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035651.D
 Acq On : 21 May 2024 20:15
 Operator : SY/MD
 Sample : P2547-21
 Misc : 5.74g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5X6

Quant Time: May 22 02:39:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	309039	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	302543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	112142	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	102069	21.369	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.480%		
7) Chloroethane-d5	1.529	69	92645	24.042	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.160%		
11) 1,1-Dichloroethene-d2	2.053	65	46502	21.990	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.960%		
21) 2-Butanone-d5	3.854	46	54154m	39.950	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.900%		
24) Chloroform-d	4.246	84	242228	26.365	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	105.440%		
26) 1,2-Dichloroethane-d4	4.940	65	123514	27.194	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	108.760%		
32) Benzene-d6	4.957	84	411172	24.828	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.320%		
36) 1,2-Dichloropropane-d6	5.985	67	147929	28.944	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	115.760%		
41) Toluene-d8	7.243	98	306994	20.828	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.320%		
43) trans-1,3-Dichloroprop...	7.558	79	43560	19.929	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.720%		
47) 2-Hexanone-d5	8.037	63	28956	31.508	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	63.020%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	114318	23.212	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.840%		
66) 1,2-Dichlorobenzene-d4	11.561	152	99624	25.598	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.400%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	91728	12.872	ug/L	97

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

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