

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035654.D
 Acq On : 21 May 2024 21:24
 Operator : SY/MD
 Sample : P2547-18
 Misc : 4.66g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5X5

Manual Integrations
 APPROVED

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

Quant Time: May 22 02:40:06 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	242233	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	222129	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	66807	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	91536	24.449	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.800%		
7) Chloroethane-d5	1.529	69	86184	28.534	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	114.120%		
11) 1,1-Dichloroethene-d2	2.053	65	41164	24.835	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	99.320%		
21) 2-Butanone-d5	3.854	46	57187m	53.822	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.640%		
24) Chloroform-d	4.246	84	216250	30.029	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	120.120%		
26) 1,2-Dichloroethane-d4	4.944	65	111801	31.404	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	125.600%		
32) Benzene-d6	4.960	84	356654	29.332	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	117.320%		
36) 1,2-Dichloropropane-d6	5.989	67	134140	35.748	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	143.000%#		
41) Toluene-d8	7.243	98	250045	23.106	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.440%		
43) trans-1,3-Dichloroprop...	7.558	79	37750	23.523	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.080%		
47) 2-Hexanone-d5	8.037	63	28450	42.164	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.320%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	114393	31.636	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	126.560%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	66783	28.804	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	115.200%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	79532	14.238	ug/L	94

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

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