

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036716.D
 Acq On : 25 Jul 2024 18:42
 Operator : SY/MD
 Sample : P3328-13
 Misc : 10.76g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20L6

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 05:03:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	351733	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	253992	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	56589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	45997	11.940	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	47.760%		
7) Chloroethane-d5	1.526	69	57199	16.439	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.760%		
11) 1,1-Dichloroethene-d2	2.050	65	23662	11.616	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	46.480%		
21) 2-Butanone-d5	3.841	46	65472m	72.824	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	145.640%#		
24) Chloroform-d	4.243	84	168846	18.151	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.600%		
26) 1,2-Dichloroethane-d4	4.941	65	90542	19.729	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.920%		
32) Benzene-d6	4.953	84	228421	18.975	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.920%		
36) 1,2-Dichloropropane-d6	5.986	67	83595	24.372	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.480%		
41) Toluene-d8	7.243	98	152026	13.234	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	52.920%		
43) trans-1,3-Dichloroprop...	7.558	79	28807	18.893	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.560%		
47) 2-Hexanone-d5	8.030	63	34265	75.065	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	150.140%#		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	79469	26.583	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.320%		
66) 1,2-Dichlorobenzene-d4	11.561	152	39297	19.893	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.560%		
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	4704	0.829	ug/L	88
16) Methylene chloride	2.439	84	80351	12.278	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	19785	3.457	ug/L	95
25) Chloroform	4.275	83	5522	0.532	ug/L	81
34) Trichloroethene	5.838	95	19213	4.070	ug/L	97

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

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