

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061124\
 Data File : VW036033.D
 Acq On : 11 Jun 2024 14:47
 Operator : SY/MD
 Sample : P2798-03
 Misc : 5.07g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB14

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2024
 Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 02:07:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	202164	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	212992	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99516	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	254061	68.355	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 273.440%#			
7) Chloroethane-d5	1.529	69	221918	74.880	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 299.520%#			
11) 1,1-Dichloroethene-d2	2.053	65	118139	71.399	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 285.600%#			
21) 2-Butanone-d5	3.818	46	190700	223.625	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 447.240%#			
24) Chloroform-d	4.240	84	512641	79.761	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 319.040%#			
26) 1,2-Dichloroethane-d4	4.934	65	299983	89.020	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 356.080%#			
32) Benzene-d6	4.950	84	1011831	79.919	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 319.680%#			
36) 1,2-Dichloropropane-d6	5.982	67	333397	83.621	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 334.480%#			
41) Toluene-d8	7.236	98	860701	77.048	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 308.200%#			
43) trans-1,3-Dichloroprop...	7.548	79	139770	85.499	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 342.000%#			
47) 2-Hexanone-d5	8.027	63	143516	265.680	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 531.360%#			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	324878	109.043	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 436.160%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	342840	93.945	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 375.800%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	29663	6.735	ug/L	87
13) Acetone	2.159	43	16169m	12.172	ug/L	
16) Methylene chloride	2.442	84	31027	6.783	ug/L	97
19) 1,1-Dichloroethane	3.111	63	3878	0.592	ug/L	96
20) cis-1,2-Dichloroethene	3.805	96	545101	157.748	ug/L	99
25) Chloroform	4.262	83	11736	1.742	ug/L #	72
34) Trichloroethene	5.831	95	33051	7.741	ug/L	98
42) Toluene	7.326	91	13961	0.981	ug/L	92
46) Tetrachloroethene	7.902	164	37981	12.164	ug/L	98

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

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