

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036714.D
 Acq On : 25 Jul 2024 17:55
 Operator : SY/MD
 Sample : P3328-16
 Misc : 9.17g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20L9

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 05:02:52 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	5.532	114	370084	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	193146	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	27723	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	58797	14.506	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.040%		
7) Chloroethane-d5	1.526	69	69899	19.093	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.360%		
11) 1,1-Dichloroethene-d2	2.047	65	29675	13.846	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.400%		
21) 2-Butanone-d5	3.809	46	79274m	83.803	ug/L	-0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	167.600%#		
24) Chloroform-d	4.243	84	206720	21.120	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.480%		
26) 1,2-Dichloroethane-d4	4.937	65	114623	23.738	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.960%		
32) Benzene-d6	4.953	84	285380	31.175	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	124.720%		
36) 1,2-Dichloropropane-d6	5.989	67	97793	37.493	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	149.960%#		
41) Toluene-d8	7.243	98	155724	17.826	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.320%		
43) trans-1,3-Dichloroprop...	7.558	79	34477	29.734	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	118.920%		
47) 2-Hexanone-d5	8.031	63	37631	108.409	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	216.820%#		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	70664	31.084	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	124.320%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	23387	24.166	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.680%		
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	47333	7.927	ug/L	98
12) 1,1-Dichloroethene	2.060	96	8083	1.416	ug/L #	1
16) Methylene chloride	2.439	84	107880	15.667	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	119488	20.723	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	10064807	1671.455	ug/L	96
34) Trichloroethene	5.834	95	23424921	6525.844	ug/L	96
42) Toluene	7.333	91	10580	0.871	ug/L	90
45) 1,1,2-Trichloroethane	7.770	97	26606	10.807	ug/L	93
46) Tetrachloroethene	7.908	164	2169	0.609	ug/L	91

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

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