

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036715.D
 Acq On : 25 Jul 2024 18:19
 Operator : SY/MD
 Sample : P3328-18
 Misc : 8.54g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20M3

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 05:02:59 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	281737	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	258582	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	97078	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	34606	11.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	44.840%		
7) Chloroethane-d5	1.526	69	39989	14.348	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.400%		
11) 1,1-Dichloroethene-d2	2.050	65	18501	11.339	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	45.360%		
21) 2-Butanone-d5	3.841	46	57889m	80.386	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	160.780%#		
24) Chloroform-d	4.246	84	128207	17.206	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.840%		
26) 1,2-Dichloroethane-d4	4.940	65	72013	19.590	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.360%		
32) Benzene-d6	4.957	84	181234	14.788	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	59.160%		
36) 1,2-Dichloropropane-d6	5.989	67	66727	19.109	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.440%		
41) Toluene-d8	7.243	98	136168	11.643	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	46.560%		
43) trans-1,3-Dichloroprop...	7.558	79	26374	16.990	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.960%		
47) 2-Hexanone-d5	8.034	63	33257	71.564	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	143.120%#		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	90630	29.778	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	119.120%		
66) 1,2-Dichlorobenzene-d4	11.561	152	69524	20.516	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.080%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	53452	10.197	ug/L	94
20) cis-1,2-Dichloroethene	3.822	96	7919	1.727	ug/L	94
34) Trichloroethene	5.834	95	44678	9.297	ug/L	97

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

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