

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036707.D
 Acq On : 25 Jul 2024 15:03
 Operator : SY/MD
 Sample : P3276-16RE
 Misc : 6.67g/10mL/MSVOA_V/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20J5RE

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 05:02:03 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	282797	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	200436	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	46174	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	39557	12.771	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.080%		
7) Chloroethane-d5	1.526	69	46867	16.753	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.000%		
11) 1,1-Dichloroethene-d2	2.050	65	19989	12.205	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.840%		
21) 2-Butanone-d5	3.841	46	46771	64.704	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	129.400%		
24) Chloroform-d	4.243	84	141259	18.887	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.560%		
26) 1,2-Dichloroethane-d4	4.941	65	81986	22.220	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.880%		
32) Benzene-d6	4.957	84	182522	19.214	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.840%		
36) 1,2-Dichloropropane-d6	5.985	67	68733	25.393	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.560%		
41) Toluene-d8	7.243	98	112693	12.431	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	49.720%		
43) trans-1,3-Dichloroprop...	7.561	79	20275	16.850	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.400%		
47) 2-Hexanone-d5	8.034	63	26557	73.724	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	147.440%#		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	71885	30.471	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	121.880%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	32155	19.949	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.800%		
Target Compounds					Qvalue	
13) Acetone	2.162	43	148384m	126.368	ug/L	
14) Carbon disulfide	2.230	76	9155	0.756	ug/L	96
16) Methylene chloride	2.442	84	17036	3.238	ug/L	92
22) 2-Butanone	3.924	43	36261	36.380	ug/L	73
34) Trichloroethene	5.838	95	10840	2.910	ug/L	94

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

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