

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036711.D
 Acq On : 25 Jul 2024 16:46
 Operator : SY/MD
 Sample : P3276-23
 Misc : 9.19g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 26 05:02:32 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	5.538	114	398919	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	215826	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	29880	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	52849	12.096	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	48.400%		
7) Chloroethane-d5	1.526	69	63818	16.172	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.680%		
11) 1,1-Dichloroethene-d2	2.047	65	26391	11.424	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	45.680%		
21) 2-Butanone-d5	3.828	46	12477	12.236	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	24.480%		
24) Chloroform-d	4.243	84	200409	18.995	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.000%		
26) 1,2-Dichloroethane-d4	4.940	65	115170	22.127	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.520%		
32) Benzene-d6	4.960	84	264470	25.855	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.440%		
36) 1,2-Dichloropropane-d6	6.021	67	87021	29.857	ug/L	0.04
Spiked Amount 25.000	Range 70 - 120		Recovery =	119.440%		
41) Toluene-d8	7.246	98	143833	14.735	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	58.920%		
43) trans-1,3-Dichloroprop...	7.558	79	36827	28.423	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	113.680%		
47) 2-Hexanone-d5	8.034	63	36370	93.766	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	187.540%#		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	84273	33.175	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	132.680%#		
66) 1,2-Dichlorobenzene-d4	11.564	152	22878	21.934	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.720%		
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	5316	0.826	ug/L	83
12) 1,1-Dichloroethene	2.060	96	53959	8.768	ug/L	88
13) Acetone	2.156	43	3481	2.102	ug/L	87
14) Carbon disulfide	2.230	76	28886	1.691	ug/L	99
16) Methylene chloride	2.442	84	20534	2.766	ug/L	94
17) trans-1,2-Dichloroethene	2.687	96	50341	8.100	ug/L	98
20) cis-1,2-Dichloroethene	3.802	96	1723769	265.573	ug/L	98
34) Trichloroethene	5.834	95	19584300	4882.571	ug/L	95
35) Methylcyclohexane	6.021	83	23054	4.317	ug/L #	22
42) Toluene	7.329	91	8448	0.622	ug/L	98
46) Tetrachloroethene	7.905	164	3547138	891.189	ug/L	98
48) 2-Hexanone	8.037	43	3983	3.857	ug/L #	49
61) 1,2,3-Trichloropropane	11.188	75	2615	4.964	ug/L #	53
71) Naphthalene	13.458	128	2118	1.087	ug/L #	89

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

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