

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062024\
 Data File : VW036181.D
 Acq On : 20 Jun 2024 23:15
 Operator : SY/MD
 Sample : P2962-09
 Misc : 5.10g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COT81

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/22/2024
 Supervised By :Semsettin Yesilyurt 06/22/2024

Quant Time: Jun 21 05:14:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	367109	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	330377	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	120202	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	146477	21.703	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.800%		
7) Chloroethane-d5	1.526	69	121762m	22.625	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.520%		
11) 1,1-Dichloroethene-d2	2.050	65	58456	19.455	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.840%		
21) 2-Butanone-d5	3.831	46	49618	32.042	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.080%		
24) Chloroform-d	4.243	84	251077	21.512	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.040%		
26) 1,2-Dichloroethane-d4	4.937	65	148857	24.326	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.320%		
32) Benzene-d6	4.953	84	492122	25.059	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.240%		
36) 1,2-Dichloropropane-d6	5.985	67	159411	25.777	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.120%		
41) Toluene-d8	7.239	98	389991	22.507	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.040%		
43) trans-1,3-Dichloroprop...	7.554	79	54452	21.474	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.880%		
47) 2-Hexanone-d5	8.030	63	44362	52.945	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.880%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	107311	23.221	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.880%		
66) 1,2-Dichlorobenzene-d4	11.557	152	97330	22.081	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.320%		
Target Compounds						Qvalue
13) Acetone	2.146	43	14933m	6.191	ug/L	
14) Carbon disulfide	2.233	76	18248	0.894	ug/L	98
16) Methylene chloride	2.442	84	65072	7.833	ug/L	99
34) Trichloroethene	5.831	95	64080	9.676	ug/L	99
42) Toluene	7.313	91	700947	31.747	ug/L	99
46) Tetrachloroethene	7.908	164	6494247	1340.837	ug/L	96
52) Ethylbenzene	8.943	91	885396	37.481	ug/L	100
53) m,p-Xylene	9.069	106	468492	52.781	ug/L	99
54) o-Xylene	9.477	106	171685	20.511	ug/L	99
55) Styrene	9.500	104	41477	2.810	ug/L	89
60) Isopropylbenzene	9.869	105	10659	0.691	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	41514	3.712	ug/L	95
63) 1,2,4-Trimethylbenzene	10.850	105	146240	12.138	ug/L	99

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

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