

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
 Data File : VV036088.D
 Acq On : 14 Jun 2024 12:41
 Operator : SY/MD
 Sample : P2873-04
 Misc : 4.20g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SH7

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/18/2024
 Supervised By :Semsettin Yesilyurt 06/18/2024

Quant Time: Jun 15 01:32:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 01:30:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	328922	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	256377	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71270	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	147385	24.372	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.480%		
7) Chloroethane-d5	1.529	69	117099	24.285	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.160%		
11) 1,1-Dichloroethene-d2	2.053	65	60366	22.424	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	89.680%		
21) 2-Butanone-d5	3.844	46	58493	42.158	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.320%		
24) Chloroform-d	4.246	84	231006	22.091	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.360%		
26) 1,2-Dichloroethane-d4	4.941	65	136635	24.921	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.680%		
32) Benzene-d6	4.957	84	435916	28.604	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	114.400%		
36) 1,2-Dichloropropane-d6	5.989	67	145150	30.245	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	121.000%#		
41) Toluene-d8	7.243	98	307576	22.874	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.480%		
43) trans-1,3-Dichloroprop...	7.555	79	51728	26.288	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	105.160%		
47) 2-Hexanone-d5	8.034	63	45200	69.515	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	139.040%#		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	93298	26.016	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.080%		
66) 1,2-Dichlorobenzene-d4	11.558	152	55478	21.227	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.920%		
Target Compounds					Qvalue	
13) Acetone	2.156	43	36725m	16.992	ug/L	
14) Carbon disulfide	2.233	76	50576	2.765	ug/L	98
16) Methylene chloride	2.445	84	41140	5.527	ug/L	99
29) Cyclohexane	4.584	56	3620	0.593	ug/L #	79
34) Trichloroethene	5.834	95	55882	10.874	ug/L	99
42) Toluene	7.320	91	80057	4.672	ug/L	98
46) Tetrachloroethene	7.905	164	6349280	1689.282	ug/L	96
52) Ethylbenzene	8.947	91	187525	10.230	ug/L	99
53) m,p-Xylene	9.069	106	293962	42.678	ug/L	98
54) o-Xylene	9.477	106	113999	17.550	ug/L	100
60) Isopropylbenzene	9.873	105	4750	0.519	ug/L	94
62) 1,3,5-Trimethylbenzene	10.474	105	21170	3.193	ug/L	97
63) 1,2,4-Trimethylbenzene	10.850	105	67091	9.392	ug/L	98

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

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