

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033508.D
 Acq On : 20 Dec 2023 13:46
 Operator : SY/MD
 Sample : 05850-05 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QM2

Quant Time: Dec 21 01:46:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	272705	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	286205	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	133474	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	95119	45.293	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.580%		
7) Chloroethane-d5	1.532	69	89858	47.679	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.360%		
11) 1,1-Dichloroethene-d2	2.060	65	44495	42.562	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.120%		
21) 2-Butanone-d5	3.783	46	97191	91.827	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.830%		
24) Chloroform-d	4.249	84	185409	44.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.260%		
26) 1,2-Dichloroethane-d4	4.941	65	120414	47.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.380%		
32) Benzene-d6	4.960	84	353887	45.909	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.820%		
36) 1,2-Dichloropropane-d6	5.989	67	113494	48.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.020%		
41) Toluene-d8	7.243	98	295959	41.960	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.920%		
43) trans-1,3-Dichloroprop...	7.555	79	48068	41.924	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.840%		
47) 2-Hexanone-d5	8.024	63	65798	83.618	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.620%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	144610	43.007	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.020%		
66) 1,2-Dichlorobenzene-d4	11.561	152	126008m	50.239	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.480%		
Target Compounds					Qvalue	
33) Benzene	5.008	78	387499	50.797	ug/L	100
51) Chlorobenzene	8.812	112	2295150	393.888	ug/L	96
64) 1,3-Dichlorobenzene	11.117	146	87473	22.205	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	836903	197.393	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	1057557	257.927	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	107190	45.010	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	21804	9.360	ug/L	99

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

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