

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031134.D
 Acq On : 20 May 2023 03:06
 Operator : SY/MD
 Sample : 02865-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX63

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 20 06:25:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 01:55:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	246790	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	241112	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	110446	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	86074	40.810	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.620%		
7) Chloroethane-d5	1.532	69	73732	45.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.760%		
11) 1,1-Dichloroethene-d2	2.063	65	43531	44.013	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.020%		
21) 2-Butanone-d5	3.796	46	113204	100.730	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.730%		
24) Chloroform-d	4.259	84	166607	44.652	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.300%		
26) 1,2-Dichloroethane-d4	4.947	65	119606	47.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.880%		
32) Benzene-d6	4.966	84	301092	46.064	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.120%		
36) 1,2-Dichloropropane-d6	5.995	67	90896	46.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.960%		
41) Toluene-d8	7.249	98	265724	43.558	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.120%		
43) trans-1,3-Dichloroprop...	7.561	79	42330	43.141	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.280%		
47) 2-Hexanone-d5	8.034	63	73036	95.781	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.780%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	128544	43.822	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.640%		
66) 1,2-Dichlorobenzene-d4	11.567	152	108775	54.806	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.620%		
Target Compounds					Qvalue	
3) Chloromethane	1.220	50	9749	5.589	ug/L	94
6) Bromomethane	1.487	94	3108	3.560	ug/L	77
13) Acetone	2.121	43	52286	35.787	ug/L	95
18) Methyl tert-butyl Ether	2.716	73	2925	0.597	ug/L	93
22) 2-Butanone	3.892	43	13884m	9.909	ug/L	
33) Benzene	5.018	78	8504	1.472	ug/L	100
34) Trichloroethene	5.844	95	10697	6.911	ug/L	93
42) Toluene	7.326	91	50070	8.012	ug/L	97
48) 2-Hexanone	8.092	43	15251	7.484	ug/L #	91
52) Ethylbenzene	8.956	91	12457	1.741	ug/L	91
53) m,p-Xylene	9.085	106	4001	1.441	ug/L	93

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

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