

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121423\
 Data File : VW033367.D
 Acq On : 15 Dec 2023 03:57
 Operator : SY/MD
 Sample : 05802-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F7B30

Quant Time: Dec 15 06:14:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/16/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	184456	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	192628	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	118029	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37050	33.600	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.200%		
7) Chloroethane-d5	1.532	69	29768	38.745	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.480%		
11) 1,1-Dichloroethene-d2	2.060	65	16068	38.304	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.600%		
21) 2-Butanone-d5	3.780	46	38817m	70.876	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.880%		
24) Chloroform-d	4.249	84	110520	47.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.460%		
26) 1,2-Dichloroethane-d4	4.941	65	75972	52.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.440%		
32) Benzene-d6	4.960	84	203401	45.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.300%		
36) 1,2-Dichloropropane-d6	5.989	67	44393	36.648	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	73.300%		
41) Toluene-d8	7.243	98	202864	47.204	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.400%		
43) trans-1,3-Dichloroprop...	7.551	79	31020	40.497	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.000%		
47) 2-Hexanone-d5	8.024	63	39067	80.281	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.280%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	76795	44.598	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.200%		
66) 1,2-Dichlorobenzene-d4	11.561	152	114123	54.344	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.680%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	7798	6.114	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	1845m	1.520	ug/L	
18) Methyl tert-butyl Ether	2.703	73	156594	42.455	ug/L	96
19) 1,1-Dichloroethane	3.111	63	29694	14.776	ug/L	97
20) cis-1,2-Dichloroethene	3.812	96	168389	130.703	ug/L	92
33) Benzene	5.015	78	37197	7.620	ug/L	100
34) Trichloroethene	5.834	95	17192	11.789	ug/L	90
46) Tetrachloroethene	7.908	164	4217	3.364	ug/L	81
51) Chlorobenzene	8.812	112	2513462	649.789	ug/L	97
60) Isopropylbenzene	9.870	105	5975	0.878	ug/L	94
64) 1,3-Dichlorobenzene	11.117	146	117748	32.386	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	375134	99.327	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	84168	23.614	ug/L	97

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

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