

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029491.D
 Acq On : 08 Dec 2022 22:30
 Operator : SY/MD
 Sample : N5915-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N00

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 04:16:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	504424	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	471761	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	247447	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111522	36.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.200%		
7) Chloroethane-d5	1.565	69	98241	41.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.420%		
11) 1,1-Dichloroethene-d2	2.105	63	17150638	3559.835	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	7119.680%#		
21) 2-Butanone-d5	3.867	46	181396	96.267	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.270%		
24) Chloroform-d	4.339	84	253590	43.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.260%		
26) 1,2-Dichloroethane-d4	5.024	65	152203	45.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.700%		
32) Benzene-d6	5.043	84	529095	42.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.880%		
36) 1,2-Dichloropropane-d6	6.063	67	168521	44.259	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.520%		
41) Toluene-d8	7.307	98	491858	41.877	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.760%		
43) trans-1,3-Dichloroprop...	7.613	79	80548	41.893	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.780%		
47) 2-Hexanone-d5	8.082	63	155448	95.604	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.600%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	252784	46.458	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.920%		
66) 1,2-Dichlorobenzene-d4	11.612	152	211432	44.886	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.780%		
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	93008	24.539	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	97348	36.923	ug/L #	30
12) 1,1-Dichloroethene	2.095	96	23374999m	8669.400	ug/L	
19) 1,1-Dichloroethane	3.182	63	216314	40.643	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	13274	3.886	ug/L	96
25) Chloroform	4.365	83	61932	11.224	ug/L	100
27) 1,2-Dichloroethane	5.121	62	366593	94.053	ug/L	99
29) Cyclohexane	4.667	56	7650	1.497	ug/L	99
33) Benzene	5.095	78	104929	7.891	ug/L	100
34) Trichloroethene	5.908	95	91875	27.572	ug/L	99
46) Tetrachloroethene	7.969	164	38857	14.504	ug/L	93
51) Chlorobenzene	8.876	112	7547	0.833	ug/L	91
64) 1,3-Dichlorobenzene	11.172	146	20395	2.871	ug/L	96
65) 1,4-Dichlorobenzene	11.262	146	40413	5.598	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	45269	6.232	ug/L	99

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

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