

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101022\
 Data File : VW028498.D
 Acq On : 10 Oct 2022 16:31
 Operator : SY/MD
 Sample : N5079-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFYZ8

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 02:56:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 11 02:53:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	317577	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	290351	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	145488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76205	31.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.200%		
7) Chloroethane-d5	1.565	69	66436	34.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	68.380%#		
11) 1,1-Dichloroethene-d2	2.105	63	153701	36.855	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.700%		
21) 2-Butanone-d5	3.902	46	114824	53.528	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	53.530%		
24) Chloroform-d	4.343	84	191004	42.500	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.000%		
26) 1,2-Dichloroethane-d4	5.027	65	127489	43.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.980%		
32) Benzene-d6	5.043	84	386930	41.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.180%		
36) 1,2-Dichloropropane-d6	6.066	67	121182	39.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	79.900%		
41) Toluene-d8	7.310	98	358341	43.019	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.040%		
43) trans-1,3-Dichloroprop...	7.619	79	63054	40.781	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.560%		
47) 2-Hexanone-d5	8.085	63	121885	73.864	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.860%		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	162775	39.214	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.420%		
66) 1,2-Dichlorobenzene-d4	11.616	152	136177	45.172	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.340%		
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	15223	5.635	ug/L #	80
8) Chloroethane	1.584	64	12788m	7.798	ug/L	
12) 1,1-Dichloroethene	2.114	96	70200	37.792	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	2318	1.070	ug/L	88
19) 1,1-Dichloroethane	3.182	63	1280890	289.402	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	30938	12.534	ug/L	85
30) 1,1,1-Trichloroethane	4.603	97	5024921	1339.664	ug/L	98
33) Benzene	5.098	78	22462	2.352	ug/L	100
51) Chlorobenzene	8.876	112	29686	4.807	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	2282	0.499	ug/L	95
67) 1,2-Dichlorobenzene	11.635	146	11438	2.472	ug/L	98

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

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