

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022427.D
 Acq On : 30 Sep 2021 13:18
 Operator : SY/MD
 Sample : M3978-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A20

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:51:35 AM

Quant Time: Oct 01 02:41:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	243438	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	236345	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	104090	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95211	46.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.18%			
7) Chloroethane-d5	1.561	69	75557	46.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.48%			
11) 1,1-Dichloroethene-d2	2.105	63	124981	34.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.58%			
21) 2-Butanone-d5	3.876	46	113168	77.62	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 77.62%			
24) Chloroform-d	4.349	84	145217	38.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.86%			
26) 1,2-Dichloroethane-d4	5.034	65	95474	41.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.46%			
32) Benzene-d6	5.050	84	329885	44.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.74%			
36) 1,2-Dichloropropane-d6	6.069	67	103593	43.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.10%			
41) Toluene-d8	7.317	98	288611	42.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.82%			
43) trans-1,3-Dichloroprop...	7.622	79	42058	38.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.44%			
47) 2-Hexanone-d5	8.088	63	78878	81.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.61%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	141749	41.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.10%			
66) 1,2-Dichlorobenzene-d4	11.625	152	111087	47.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.98%			
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.143	62	12361m	5.06	ug/L	
46) Tetrachloroethene	7.976	164	119482	78.23	ug/L	96

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

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