

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022393.D
 Acq On : 29 Sep 2021 21:20
 Operator : SY/MD
 Sample : M3978-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A40

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 1:54:58 PM

Quant Time: Sep 30 05:31:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 05:14:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	244521	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	241387	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	104682	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80452	38.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.540%
7) Chloroethane-d5	1.564	69	69461	42.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	2.105	63	109666m	30.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.800%
21) 2-Butanone-d5	3.896	46	149881	102.343	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.340%
24) Chloroform-d	4.349	84	166986	44.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	5.034	65	104155	45.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.660%
32) Benzene-d6	5.050	84	341839	45.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.040%
36) 1,2-Dichloropropane-d6	6.072	67	117263	48.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.540%
41) Toluene-d8	7.317	98	308868	44.438	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	7.625	79	47718	43.014	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.020%
47) 2-Hexanone-d5	8.092	63	105898	107.276	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	162474	46.072	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.140%
66) 1,2-Dichlorobenzene-d4	11.625	152	124940	53.674	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.340%
Target Compounds						
13) Acetone	2.188	43	4773m	4.153	ug/L	
18) Methyl tert-butyl Ether	2.770	73	10177	1.845	ug/L	97
34) Trichloroethene	5.918	95	11555	6.099	ug/L	98
46) Tetrachloroethene	7.976	164	488366	313.089	ug/L	98

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

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