

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042221\
 Data File : VV021094.D
 Acq On : 22 Apr 2021 14:03
 Operator : SY/MD
 Sample : M2144-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GH2

Manual Integrations
 APPROVED

MMDadoda
 4/27/2021 4:41:08 PM

Quant Time: Apr 24 04:20:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 24 03:42:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	633037	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	619886	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	287529	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	232787	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.50%
7) Chloroethane-d5	1.571	69	176458	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.22%
11) 1,1-Dichloroethene-d2	2.108	63	338501	35.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.56%
21) 2-Butanone-d5	3.912	46	258456	101.75	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.75%
24) Chloroform-d	4.352	84	436622	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	5.034	65	302806	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
32) Benzene-d6	5.053	84	823486	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
36) 1,2-Dichloropropane-d6	6.072	67	248046	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.68%
41) Toluene-d8	7.320	98	761940	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%
43) trans-1,3-Dichloroprop...	7.625	79	128404	47.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.36%
47) 2-Hexanone-d5	8.095	63	214935	109.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.97%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	350401	47.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.28%
66) 1,2-Dichlorobenzene-d4	11.632	152	304570	53.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.24%
Target Compounds						
13) Acetone	2.208	43	53537m	22.56	ug/L	Qvalue
25) Chloroform	4.378	83	60764	6.89	ug/L	100
51) Chlorobenzene	8.886	112	27452	2.10	ug/L	91
65) 1,4-Dichlorobenzene	11.281	146	14373	1.63	ug/L	96
67) 1,2-Dichlorobenzene	11.651	146	40397	4.57	ug/L	91
70) 1,2,4-trichlorobenzene	13.275	180	12584	2.31	ug/L	94
72) 1,2,3-Trichlorobenzene	13.754	180	6411	1.15	ug/L	96

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

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