

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100219\
 Data File : VU034901.D
 Acq On : 01 Oct 2019 20:30
 Operator : JC/SP
 Sample : K5028-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDK8

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:13:59 PM

Quant Time: Oct 02 03:02:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 02 01:50:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	353183	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	339268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	153837	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	102970	41.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.20%
7) Chloroethane-d5	1.67	69	91437	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.94%
11) 1,1-Dichloroethene-d2	2.26	63	158402	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.78%
21) 2-Butanone-d5	4.15	46	281367	116.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.49%
24) Chloroform-d	4.62	84	224322	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.29	65	167269	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
32) Benzene-d6	5.32	84	442031	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
36) 1,2-Dichloropropane-d6	6.31	67	156626	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.66%
41) Toluene-d8	7.54	98	410882	47.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.56%
43) trans-1,3-Dichloropropene-	7.83	79	68274	48.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.10%
47) 2-Hexanone-d5	8.29	63	190311	125.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.21%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	222330	49.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.04%
64) 1,2-Dichlorobenzene-d4	11.84	152	151240	49.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.82%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.87	101	24463	9.206	ug/L	99
13) Acetone	2.31	43	124580	64.894	ug/L	99
15) Methyl Acetate	2.61	43	4216	1.376	ug/L	93
16) Methylene chloride	2.68	84	70169	36.266	ug/L	99
22) 2-Butanone	4.25	43	46350	18.589	ug/L	98
33) Benzene	5.37	78	58279m	8.054	ug/L	
35) Methylcyclohexane	6.39	83	3264	1.438	ug/L #	73
42) Toluene	7.62	91	12652	1.625	ug/L	100
51) Chlorobenzene	9.10	112	28679	5.436	ug/L	96
52) Ethylbenzene	9.23	91	107591	11.772	ug/L	99
53) m,p-Xylene	9.36	106	136448	42.730	ug/L	97
54) o-xylene	9.76	106	246541	73.208	ug/L	98
56) Isopropylbenzene	10.14	105	48986	5.207	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	4343	1.038	ug/L	90
65) 1,2-Dichlorobenzene	11.85	146	43929	9.842	ug/L	96

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

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