

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100219\
 Data File : VU034903.D
 Acq On : 01 Oct 2019 21:17
 Operator : JC/SP
 Sample : K5028-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDL6

Quant Time: Oct 02 04:32:56 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	346326	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	336832	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	150500	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	97960	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.72%
7) Chloroethane-d5	1.67	69	88483	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.78%
11) 1,1-Dichloroethene-d2	2.26	63	149944	34.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.30%
21) 2-Butanone-d5	4.15	46	267393	112.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.90%
24) Chloroform-d	4.62	84	217786	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.29	65	161623	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
32) Benzene-d6	5.32	84	426250	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
36) 1,2-Dichloropropane-d6	6.31	67	150258	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.32%
41) Toluene-d8	7.54	98	397693	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%
43) trans-1,3-Dichloropropene-	7.83	79	66838	47.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.74%
47) 2-Hexanone-d5	8.29	63	178377	118.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.21%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	218987	48.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.28%
64) 1,2-Dichlorobenzene-d4	11.84	152	145359	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	67698	35.962	ug/L	98
14) Carbon disulfide	2.46	76	2732	1.312	ug/L	97
15) Methyl Acetate	2.60	43	3675	1.223	ug/L #	83
16) Methylene chloride	2.68	84	131699	69.415	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	3563	1.817	ug/L	99
22) 2-Butanone	4.25	43	18968	7.758	ug/L	96
33) Benzene	5.37	78	16706	2.325	ug/L	100
42) Toluene	7.62	91	102103	13.210	ug/L	100
51) Chlorobenzene	9.10	112	9027	1.723	ug/L	98
52) Ethylbenzene	9.23	91	52179	5.751	ug/L	99
53) m,p-Xylene	9.35	106	70839	22.345	ug/L	94
54) o-xylene	9.76	106	60136	17.986	ug/L	96
56) Isopropylbenzene	10.14	105	10111	1.082	ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	10728	2.457	ug/L	96

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

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