

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034673.D
 Acq On : 20 Sep 2019 01:43
 Operator : JC/SP
 Sample : K4895-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDG1

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 12:46:35 PM

Quant Time: Sep 20 07:20:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 20 04:02:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	499110	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	477468	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	228039	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	221078	43.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.54%
7) Chloroethane-d5	1.67	69	182483	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.42%
11) 1,1-Dichloroethene-d2	2.26	63	300667	34.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.50%
21) 2-Butanone-d5	4.15	46	402436	102.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.77%
24) Chloroform-d	4.62	84	353048	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
26) 1,2-Dichloroethane-d4	5.29	65	256041	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.32	84	705597	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
36) 1,2-Dichloropropane-d6	6.31	67	247821	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.82%
41) Toluene-d8	7.54	98	667596	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%
43) trans-1,3-Dichloropropene-	7.83	79	113486	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.62%
47) 2-Hexanone-d5	8.29	63	268204	103.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.23%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	337083	46.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.92%
64) 1,2-Dichlorobenzene-d4	11.84	152	231603	48.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.86%

Target Compounds

					Ovalue
13) Acetone	2.31	43	141267	31.011 ug/L	99
15) Methyl Acetate	2.61	43	8286m	1.362 ug/L	
16) Methylene chloride	2.68	84	5536	1.338 ug/L	96
22) 2-Butanone	4.25	43	48094	8.874 ug/L	96
29) Cyclohexane	4.97	56	6591	0.836 ug/L #	41
33) Benzene	5.37	78	199666	12.057 ug/L	100
35) Methylcyclohexane	6.39	83	7932	1.143 ug/L	90
42) Toluene	7.62	91	345105	19.283 ug/L	98
51) Chlorobenzene	9.10	112	89631	8.239 ug/L	97
52) Ethylbenzene	9.23	91	235943	11.708 ug/L	100
53) m,p-Xylene	9.35	106	270198	37.853 ug/L	97
54) o-xylene	9.76	106	143139	20.274 ug/L	98
56) Isopropylbenzene	10.14	105	100995	5.305 ug/L	98
63) 1,4-Dichlorobenzene	11.48	146	19711	2.450 ug/L	91
65) 1,2-Dichlorobenzene	11.85	146	41629	5.217 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.33	75	2181	1.286 ug/L #	10

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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