

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034683.D
 Acq On : 20 Sep 2019 13:01
 Operator : JC/SP
 Sample : K4895-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDF5

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 9:32:49 AM

Quant Time: Sep 21 03:30:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 02:29:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	489989	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	467068	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	225360	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	221373	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.26%
7) Chloroethane-d5	1.67	69	178980	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.34%
11) 1,1-Dichloroethene-d2	2.26	63	295137m	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.48%
21) 2-Butanone-d5	4.15	46	369848	96.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.20%
24) Chloroform-d	4.62	84	192567	26.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	52.82%#
26) 1,2-Dichloroethane-d4	5.29	65	258465	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.32	84	698339	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
36) 1,2-Dichloropropane-d6	6.31	67	249046	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.44%
41) Toluene-d8	7.54	98	667060	48.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.86%
43) trans-1,3-Dichloropropene-	7.83	79	109998	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.78%
47) 2-Hexanone-d5	8.29	63	250217	98.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.46%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	86866	12.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	24.74%#
64) 1,2-Dichlorobenzene-d4	11.84	152	233301	49.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	20952	4.685	ug/L	99
16) Methylene chloride	2.68	84	4356	1.073	ug/L	96
25) Chloroform	4.65	83	160470	20.267	ug/L	98
34) Trichloroethene	6.16	95	10025	2.506	ug/L #	85
35) Methylcyclohexane	6.39	83	11211	1.651	ug/L	95
42) Toluene	7.61	91	252275	14.410	ug/L	97
46) Tetrachloroethene	8.21	164	90560	32.181	ug/L	94
52) Ethylbenzene	9.23	91	139583	7.080	ug/L	100
53) m,p-Xylene	9.35	106	318974	45.681	ug/L	96
54) o-xylene	9.76	106	590091	85.441	ug/L	96
56) Isopropylbenzene	10.14	105	28127	1.510	ug/L	95
62) 1,3-Dichlorobenzene	11.40	146	12707	1.628	ug/L	90
63) 1,4-Dichlorobenzene	11.49	146	20660	2.599	ug/L	94
65) 1,2-Dichlorobenzene	11.85	146	209941	26.623	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	7629	1.855	ug/L #	69

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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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