

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092619\
 Data File : VU034838.D
 Acq On : 26 Sep 2019 12:01
 Operator : JC/SP
 Sample : K4983-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDL5

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 4:40:23 PM

Quant Time: Sep 26 17:31:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 15:50:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	446863	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	425886	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	196938	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	190181	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.14%
7) Chloroethane-d5	1.67	69	172738m	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.72%
11) 1,1-Dichloroethene-d2	2.26	63	261827	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.60%
21) 2-Butanone-d5	4.15	46	473391	135.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.02%#
24) Chloroform-d	4.62	84	351495	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.70%
26) 1,2-Dichloroethane-d4	5.29	65	246191	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.32	84	738850	55.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.94%
36) 1,2-Dichloropropane-d6	6.31	67	264986	57.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.86%
41) Toluene-d8	7.54	98	704293	56.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.16%
43) trans-1,3-Dichloropropene-	7.83	79	113697	51.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.90%
47) 2-Hexanone-d5	8.29	63	320407	138.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	138.27%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	374116	58.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.88%
64) 1,2-Dichlorobenzene-d4	11.84	152	256892	62.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.42%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	149848	36.741	ug/L	94
16) Methylene chloride	2.68	84	45120	12.183	ug/L	97
22) 2-Butanone	4.24	43	51454m	10.605	ug/L	
33) Benzene	5.37	78	81507	5.518	ug/L	100
34) Trichloroethene	6.17	95	5210	1.428	ug/L	97
42) Toluene	7.62	91	119905	7.511	ug/L	98
51) Chlorobenzene	9.10	112	23818	2.454	ug/L	96
52) Ethylbenzene	9.23	91	112653	6.267	ug/L	97
53) m,p-Xylene	9.35	106	85334	13.403	ug/L	100
54) o-xylene	9.76	106	63504	10.084	ug/L	90
56) Isopropylbenzene	10.14	105	44099	2.597	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	59588	8.647	ug/L	99

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

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