

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034816.D
 Acq On : 25 Sep 2019 20:44
 Operator : JC/SP
 Sample : K4983-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDM1

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 1:06:39 PM

Quant Time: Sep 26 08:41:50 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Sep 26 06:56:48 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	407315	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	390172	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	176417	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	191085	45.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.66%
7) Chloroethane-d5	1.67	69	170815	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.26	63	260221	36.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.70%
21) 2-Butanone-d5	4.15	46	391719	122.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.57%
24) Chloroform-d	4.62	84	328648m	54.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.42%
26) 1,2-Dichloroethane-d4	5.29	65	233103	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.62%
32) Benzene-d6	5.32	84	699312	57.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.66%
36) 1,2-Dichloropropane-d6	6.31	67	248651	58.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.66%
41) Toluene-d8	7.54	98	662631	57.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.18%
43) trans-1,3-Dichloropropene-	7.83	79	104575	51.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.32%
47) 2-Hexanone-d5	8.29	63	264790	124.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	333098	56.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.58%
64) 1,2-Dichlorobenzene-d4	11.84	152	228946	61.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.78%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	62359	16.774	ug/L	87
15) Methyl Acetate	2.61	43	5923	1.193	ug/L #	90
16) Methylene chloride	2.68	84	44306	13.125	ug/L	93
22) 2-Butanone	4.26	43	28135	6.362	ug/L	88
33) Benzene	5.37	78	19561	1.446	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	116674	15.167	ug/L #	87
42) Toluene	7.62	91	25942	1.774	ug/L	91
52) Ethylbenzene	9.23	91	41754	2.535	ug/L	97
53) m,p-Xylene	9.35	106	41484	7.112	ug/L	97
54) o-xylene	9.76	106	59791	10.364	ug/L	94
56) Isopropylbenzene	10.14	105	14177	0.911	ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	18384	2.978	ug/L #	93

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

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