

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
 Data File : VU035304.D
 Acq On : 19 Oct 2019 08:45
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 8:31:19 AM

Quant Time: Oct 21 05:56:59 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Oct 21 05:38:49 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	672319	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	630999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	209861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	284556	49.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.40%
7) Chloroethane-d5	1.93	69	238749	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.38%
11) 1,1-Dichloroethene-d2	2.60	63	367861	38.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.08%
21) 2-Butanone-d5	4.70	46	378940	98.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.84%
24) Chloroform-d	5.12	84	453195	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
26) 1,2-Dichloroethane-d4	5.75	65	299428	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
32) Benzene-d6	5.78	84	943190	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
36) 1,2-Dichloropropane-d6	6.74	67	301180	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.58%
41) Toluene-d8	7.93	98	871081	50.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.36%
43) trans-1,3-Dichloropropene-	8.22	79	152164	50.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.04%
47) 2-Hexanone-d5	8.68	63	247861	95.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.93%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	408873	47.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	248463	51.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.14%

Target Compounds

					Qvalue
13) Acetone	2.67	43	5594m	1.637	ug/L
14) Carbon disulfide	2.83	76	23636	1.820	ug/L
40) 4-Methyl-2-pentanone	7.84	43	18206	2.667	ug/L
62) 1,3-Dichlorobenzene	11.78	146	12272	1.800	ug/L
63) 1,4-Dichlorobenzene	11.87	146	14959	2.191	ug/L
65) 1,2-Dichlorobenzene	12.24	146	12909	1.896	ug/L
66) 1,2-Dibromo-3-chloropropan	13.03	75	2687	2.497	ug/L
68) 1,2,4-trichlorobenzene	13.87	180	15831	6.295	ug/L
70) 1,2,3-Trichlorobenzene	14.36	180	20373	7.830	ug/L

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

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