

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034759.D
 Acq On : 24 Sep 2019 01:37
 Operator : JC/SP
 Sample : K4932-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDM7

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 12:48:40 PM

Quant Time: Sep 24 05:58:06 2019

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

Quant Title : VOC Analysis

QLast Update : Tue Sep 24 03:36:55 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	512537	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	485732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	228256	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	208581	39.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.50%
7) Chloroethane-d5	1.67	69	173532	42.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.58%
11) 1,1-Dichloroethene-d2	2.26	63	292558	32.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.84%
21) 2-Butanone-d5	4.15	46	473345	117.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.71%
24) Chloroform-d	4.62	84	365510m	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	5.29	65	270548	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
32) Benzene-d6	5.32	84	746519	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
36) 1,2-Dichloropropane-d6	6.31	67	267295	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.60%
41) Toluene-d8	7.54	98	714476	49.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.76%
43) trans-1,3-Dichloropropene-	7.83	79	116592	46.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.52%
47) 2-Hexanone-d5	8.29	63	315230	119.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.27%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	360427	49.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.72%
64) 1,2-Dichlorobenzene-d4	11.84	152	244778	51.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.28%

Target Compounds

					Ovalue
13) Acetone	2.31	43	68448	14.632	ug/L 99
15) Methyl Acetate	2.61	43	5325	0.852	ug/L 100
16) Methylene chloride	2.68	84	1096709	258.187	ug/L 99
22) 2-Butanone	4.26	43	17919m	3.220	ug/L
40) 4-Methyl-2-pentanone	7.44	43	23678	2.472	ug/L # 85
42) Toluene	7.62	91	85593	4.701	ug/L 97
52) Ethylbenzene	9.23	91	43266	2.110	ug/L 97
53) m,p-Xylene	9.35	106	37740	5.197	ug/L 97
54) o-xylene	9.76	106	31054	4.324	ug/L 99
65) 1,2-Dichlorobenzene	11.86	146	21166	2.650	ug/L 96

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

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