

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034785.D
 Acq On : 24 Sep 2019 20:43
 Operator : JC/SP
 Sample : K4948-02DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDN2DL

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 10:06:16 AM

Quant Time: Sep 25 07:32:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	604118	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	570828	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	252135	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	214280	34.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.30%
7) Chloroethane-d5	1.64	69	192247	40.22	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.44%
11) 1,1-Dichloroethene-d2	2.24	63	294682m	28.14	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.28%#
21) 2-Butanone-d5	4.15	46	489423	103.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.25%
24) Chloroform-d	4.62	84	395180	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
26) 1,2-Dichloroethane-d4	5.28	65	284784	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.18%
32) Benzene-d6	5.31	84	852998	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
36) 1,2-Dichloropropane-d6	6.31	67	296562	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.54	98	790676	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%
43) trans-1,3-Dichloropropene-	7.83	79	135169	45.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.28%
47) 2-Hexanone-d5	8.29	63	340744	109.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.71%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	428212	49.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	279350	52.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.68%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.19	96	517889	102.495 ug/L	89
34) Trichloroethene	6.16	95	24346	4.979 ug/L	96
46) Tetrachloroethene	8.21	164	102245	29.729 ug/L	96

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

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