

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112019\
 Data File : VU035789.D
 Acq On : 20 Nov 2019 15:06
 Operator : JC/SP
 Sample : K5845-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 11:31:26 AM

Quant Time: Nov 21 08:40:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 21 04:09:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	614014	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	626166	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	181236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	213273	43.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.02%
7) Chloroethane-d5	1.93	69	185070	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.46%
11) 1,1-Dichloroethene-d2	2.59	63	284758m	36.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.84%
21) 2-Butanone-d5	4.69	46	364670	125.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.89%
24) Chloroform-d	5.11	84	409264	53.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.88%
26) 1,2-Dichloroethane-d4	5.75	65	280111	59.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.40%
32) Benzene-d6	5.77	84	786211	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
36) 1,2-Dichloropropane-d6	6.73	67	274044	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.54%
41) Toluene-d8	7.93	98	683777	44.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.82%
43) trans-1,3-Dichloropropene-	8.21	79	118216	48.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.98%
47) 2-Hexanone-d5	8.68	63	207140	102.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.11%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	381332	50.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.32%
64) 1,2-Dichlorobenzene-d4	12.22	152	183940	50.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.64%

Target Compounds Ovalue

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

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