

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U032019\
 Data File : VU030239.D
 Acq On : 20 Mar 2019 21:41
 Operator : JC/SP
 Sample : K2022-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0995

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 12:14:05 PM

Quant Time: Mar 22 02:41:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:27:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	507808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	501598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232978	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144315	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.06%
7) Chloroethane-d5	1.68	69	126163	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.90%
11) 1,1-Dichloroethene-d2	2.27	63	205417	32.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.58%
21) 2-Butanone-d5	4.17	46	256484	100.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.69%
24) Chloroform-d	4.65	84	296996	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
26) 1,2-Dichloroethane-d4	5.31	65	176292	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
32) Benzene-d6	5.34	84	626685	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
36) 1,2-Dichloropropane-d6	6.33	67	198441	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.56	98	562124	45.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.46%
43) trans-1,3-Dichloropropene-	7.85	79	87601	43.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.98%
47) 2-Hexanone-d5	8.31	63	212937	100.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305990	48.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	233409	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

					Ovalue
13) Acetone	2.32	43	10645	3.999 ug/L	99
51) Chlorobenzene	9.12	112	15190	1.458 ug/L	93
63) 1,4-Dichlorobenzene	11.50	146	31022	4.024 ug/L	96
65) 1,2-Dichlorobenzene	11.87	146	27817	3.663 ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	8728m	1.699 ug/L	

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

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