

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031108.D
 Acq On : 12 Apr 2019 06:43
 Operator : JC/SP
 Sample : K2353-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ63

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:47:05 PM

Quant Time: Apr 12 08:45:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	554993	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	535423	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	163386	32.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.96%
7) Chloroethane-d5	1.68	69	140630	37.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.80%
11) 1,1-Dichloroethene-d2	2.27	63	271205	30.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.54%
21) 2-Butanone-d5	4.19	46	366946	93.45	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.45%
24) Chloroform-d	4.64	84	305040	40.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.62%
26) 1,2-Dichloroethane-d4	5.30	65	225794	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
32) Benzene-d6	5.33	84	646639	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.74%
36) 1,2-Dichloropropane-d6	6.32	67	229965	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.86%
41) Toluene-d8	7.56	98	546152	39.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.84%#
43) trans-1,3-Dichloropropene-	7.85	79	93613	38.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.66%
47) 2-Hexanone-d5	8.31	63	205751	84.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	323954	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	212878	46.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.82%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	66604	10.911 ug/L	84
12) 1,1-Dichloroethene	2.28	96	73439	19.143 ug/L #	54
17) trans-1,2-Dichloroethene	2.98	96	210106	51.580 ug/L	99
20) cis-1,2-Dichloroethene	4.21	96	26794075m	5957.245 ug/L	
34) Trichloroethene	6.18	95	130223	30.303 ug/L	93

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

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