

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031113.D
 Acq On : 12 Apr 2019 08:38
 Operator : JC/SP
 Sample : K2341-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB736

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 9:15:38 AM

Quant Time: Apr 12 23:45:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	527526	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	518552	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228019	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152965	32.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.96%
7) Chloroethane-d5	1.68	69	131560	36.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.62%
11) 1,1-Dichloroethene-d2	2.27	63	225660	26.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.98%#
21) 2-Butanone-d5	4.17	46	338482	90.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.69%
24) Chloroform-d	4.64	84	307733	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.56%
26) 1,2-Dichloroethane-d4	5.30	65	214800	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
32) Benzene-d6	5.34	84	615307	40.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.30%
36) 1,2-Dichloropropane-d6	6.32	67	220820	42.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.12%
41) Toluene-d8	7.56	98	523577	39.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.04%#
43) trans-1,3-Dichloropropene-	7.85	79	86325	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.98%
47) 2-Hexanone-d5	8.31	63	197484	83.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	308069	44.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	204702	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	4276	0.737 ug/L	# 1
13) Acetone	2.32	43	30078	7.876 ug/L	93
17) trans-1,2-Dichloroethene	2.98	96	28599	7.386 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	1963760	459.345 ug/L	91
34) Trichloroethene	6.18	95	2019448	485.210 ug/L	97
38) Bromodichloromethane	6.75	83	8575m	1.479 ug/L	
42) Toluene	7.63	91	114096	6.587 ug/L	94
46) Tetrachloroethene	8.22	164	5357528	1770.554 ug/L	100

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

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