

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031913.D
 Acq On : 11 May 2019 01:04
 Operator : JC/SP
 Sample : K2705-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B54

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:49:48 AM

Quant Time: May 11 04:43:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 02:45:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1043232	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1087952	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	407502	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	363450	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.26%
7) Chloroethane-d5	1.67	69	326074	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.66%
11) 1,1-Dichloroethene-d2	2.27	63	568859	32.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.44%
21) 2-Butanone-d5	4.17	46	691380	87.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.40%
24) Chloroform-d	4.64	84	707679	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.30	65	467385	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
32) Benzene-d6	5.33	84	1454436	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.08%
36) 1,2-Dichloropropane-d6	6.32	67	511413	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.02%
41) Toluene-d8	7.56	98	1273258	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%
43) trans-1,3-Dichloropropene-	7.85	79	203424	40.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.64%
47) 2-Hexanone-d5	8.31	63	480979	94.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	700210	44.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	420044	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	231954	17.875 ug/L	96
12) 1,1-Dichloroethene	2.28	96	41877	5.145 ug/L	# 1
13) Acetone	2.32	43	9381	1.053 ug/L	82
17) trans-1,2-Dichloroethene	2.98	96	132518	15.625 ug/L	92
19) 1,1-Dichloroethane	3.44	63	27650	1.548 ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	5430838	596.951 ug/L	96
30) 1,1,1-Trichloroethane	4.91	97	21990	1.443 ug/L	97
34) Trichloroethene	6.17	95	20868734m	2152.295 ug/L	
46) Tetrachloroethene	8.23	164	13176206	1993.335 ug/L	92

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

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