

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031911.D
 Acq On : 11 May 2019 00:16
 Operator : JC/SP
 Sample : K2705-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B52

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:49:37 AM

Quant Time: May 11 04:37:04 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	1059965	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1079750	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	416740	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	365898	41.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.50%
7) Chloroethane-d5	1.67	69	322788	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.18%
11) 1,1-Dichloroethene-d2	2.26	63	546597	30.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.88%
21) 2-Butanone-d5	4.17	46	695951	86.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.59%
24) Chloroform-d	4.64	84	704954	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
26) 1,2-Dichloroethane-d4	5.30	65	464966	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
32) Benzene-d6	5.33	84	1446694	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
36) 1,2-Dichloropropane-d6	6.32	67	504811	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.56%
41) Toluene-d8	7.56	98	1252251	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.85	79	203912	40.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.44%
47) 2-Hexanone-d5	8.31	63	506401	100.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	701386	44.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	417134	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	236998	17.975 ug/L	95
12) 1,1-Dichloroethene	2.28	96	44823	5.420 ug/L	# 1
13) Acetone	2.32	43	9774	1.080 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	133210	15.459 ug/L	91
19) 1,1-Dichloroethane	3.44	63	28144	1.551 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	5422539	586.630 ug/L	94
30) 1,1,1-Trichloroethane	4.91	97	22760	1.504 ug/L	95
34) Trichloroethene	6.17	95	20834124m	2165.047 ug/L	
46) Tetrachloroethene	8.23	164	13121817	2000.186 ug/L	92

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

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