

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031777.D
 Acq On : 06 May 2019 13:59
 Operator : JC/SP
 Sample : K2695-04 25X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X89

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 10:41:38 AM

Quant Time: May 07 09:32:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	733691	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	693727	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251091	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	301261	49.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.12%
7) Chloroethane-d5	1.68	69	240810	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.50%
11) 1,1-Dichloroethene-d2	2.27	63	460372	37.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.30%
21) 2-Butanone-d5	4.18	46	690194	124.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.06%
24) Chloroform-d	4.64	84	572188m	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
26) 1,2-Dichloroethane-d4	5.31	65	405373	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.34%
32) Benzene-d6	5.34	84	1097321	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
36) 1,2-Dichloropropane-d6	6.33	67	403135	53.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.58%
41) Toluene-d8	7.56	98	860819	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.85	79	160287	49.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.64%
47) 2-Hexanone-d5	8.31	63	365614	112.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	525077	52.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	272405	51.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.18%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	34191	3.286 ug/L	99
34) Trichloroethene	6.18	95	1117810	180.798 ug/L	94
46) Tetrachloroethene	8.22	164	42972	10.195 ug/L	97

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

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