

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031118.D
 Acq On : 12 Apr 2019 10:32
 Operator : JC/SP
 Sample : K2341-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 110 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB738

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 9:15:51 AM

Quant Time: Apr 13 00:04:48 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	459571	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466111	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206984	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	222835	54.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.64%
7) Chloroethane-d5	1.68	69	159068	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.18%
11) 1,1-Dichloroethene-d2	2.27	63	279587	37.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.36%
21) 2-Butanone-d5	4.17	46	274362	84.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.38%
24) Chloroform-d	4.64	84	302083	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.31	65	207964	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.34	84	605370	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
36) 1,2-Dichloropropane-d6	6.32	67	203807	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.42%
41) Toluene-d8	7.56	98	532966	44.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%
43) trans-1,3-Dichloropropene-	7.85	79	92428	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
47) 2-Hexanone-d5	8.31	63	159059	74.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286294	45.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	205531	50.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.98%

Target Compounds

					Ovalue
13) Acetone	2.32	43	9566	2.875 ug/L	69
20) cis-1,2-Dichloroethene	4.23	96	3791m	1.018 ug/L	
34) Trichloroethene	6.19	95	2516	0.673 ug/L #	82
42) Toluene	7.64	91	95129	6.110 ug/L	96
46) Tetrachloroethene	8.22	164	8468	3.113 ug/L	91

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

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