

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026434.D
 Acq On : 29 Aug 2018 20:10
 Operator : MD/SY
 Sample : J4691-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE03

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 11:41:15 AM

Quant Time: Sep 06 12:58:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 02:20:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154554	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	178103	50.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.49	152	92870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42785	44.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.36%
7) Chloroethane-d5	1.68	69	40837	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.44%
11) 1,1-Dichloroethene-d2	2.27	63	72114	33.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.88%
21) 2-Butanone-d5	4.18	46	70567	94.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.95%
24) Chloroform-d	4.65	84	82789	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
26) 1,2-Dichloroethane-d4	5.31	65	57376	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
32) Benzene-d6	5.35	84	166202	40.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.98%
36) 1,2-Dichloropropane-d6	6.34	67	57922	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.14%
41) Toluene-d8	7.57	98	172264	43.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.94%
43) trans-1,3-Dichloropropene-	7.85	79	26641	41.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.74%
47) 2-Hexanone-d5	0.00	63	0d	0.00	ug/L	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.00%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	92347	44.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	80299	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%

Target Compounds

						Ovalue
5) Vinyl chloride	1.40	62	5797	3.59	ug/L	# 74
13) Acetone	2.32	43	7561	11.75	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	6957	6.97	ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	353185	315.95	ug/L	99
29) Cyclohexane	5.00	56	3044	1.57	ug/L	# 62
34) Trichloroethene	6.20	95	6265094	4891.77	ug/L	98
46) Tetrachloroethene	8.25	164	87794155m	83844.44	ug/L	
51) Chlorobenzene	9.13	112	4958	1.39	ug/L	93
52) Ethylbenzene	9.26	91	7958	1.37	ug/L	99
53) m,p-Xylene	9.38	106	11996	5.54	ug/L	93
54) o-xylene	9.79	106	7248	3.44	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	18611	6.49	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	2805	1.46	ug/L	94

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

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