

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\
 Data File : VU026496.D
 Acq On : 31 Aug 2018 13:51
 Operator : MD/SY
 Sample : J4691-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE11

Quant Time: Sep 01 01:54:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:02:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156718	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	66988	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42318	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.16%
7) Chloroethane-d5	1.68	69	39741	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.64%
11) 1,1-Dichloroethene-d2	2.27	63	63108	28.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.72%#
21) 2-Butanone-d5	4.18	46	73987	98.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.17%
24) Chloroform-d	4.65	84	85226	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.31	65	58666	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
32) Benzene-d6	5.35	84	172405	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	6.33	67	59075	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.08%
41) Toluene-d8	7.57	98	157985	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.85	79	22999	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
47) 2-Hexanone-d5	8.31	63	54646	101.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80019	46.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	66033	54.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.66%

Target Compounds

						Ovalue
3) Chloromethane	1.33	50	9490	6.29	ug/L	99
13) Acetone	2.32	43	37782	57.90	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	4438	4.39	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	66251	58.45	ug/L	99
22) 2-Butanone	4.27	43	11266	12.84	ug/L	92
33) Benzene	5.39	78	10901	2.58	ug/L	100
34) Trichloroethene	6.19	95	9745	9.18	ug/L	97
46) Tetrachloroethene	8.23	164	97227	112.02	ug/L	96

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

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