

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026581.D
 Acq On : 06 Sep 2018 15:34
 Operator : MD/SY
 Sample : J4718-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGD2

Quant Time: Sep 07 05:16:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 04:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	166667	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153254	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64880	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43433	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.12%
7) Chloroethane-d5	1.68	69	40908	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.72%
11) 1,1-Dichloroethene-d2	2.27	63	63955	27.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.00%#
21) 2-Butanone-d5	4.18	46	88895	110.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.92%
24) Chloroform-d	4.65	84	89697	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
26) 1,2-Dichloroethane-d4	5.31	65	60642	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
32) Benzene-d6	5.34	84	171605	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
36) 1,2-Dichloropropane-d6	6.33	67	61900	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.02%
41) Toluene-d8	7.57	98	150501	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%
43) trans-1,3-Dichloropropene-	7.85	79	25343	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
47) 2-Hexanone-d5	8.31	63	60644	108.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88337	49.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	61829	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%

Target Compounds

						Ovalue
5) Vinyl chloride	1.40	62	136237	78.32	ug/L	99
8) Chloroethane	1.70	64	1662	1.59	ug/L	# 77
13) Acetone	2.32	43	3087	4.45	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	5665	5.26	ug/L	94
20) cis-1,2-Dichloroethene	4.23	96	793132	657.95	ug/L	99
33) Benzene	5.39	78	9112	2.07	ug/L	100
34) Trichloroethene	6.19	95	27438	24.90	ug/L	98
46) Tetrachloroethene	8.23	164	4746	5.27	ug/L	97

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

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