

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026554.D
 Acq On : 05 Sep 2018 20:05
 Operator : MD/SY
 Sample : J4694-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE29

Quant Time: Sep 06 07:25:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 05:59:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	169251	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162071	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	68253	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37631	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.78%
7) Chloroethane-d5	1.68	69	37125	39.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.27	63	55416	23.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.94%#
21) 2-Butanone-d5	4.18	46	82231	101.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.03%
24) Chloroform-d	4.65	84	85950	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.31	65	60234	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
32) Benzene-d6	5.34	84	170546	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
36) 1,2-Dichloropropane-d6	6.33	67	61250	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.46%
41) Toluene-d8	7.57	98	152291	42.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.46%
43) trans-1,3-Dichloropropene-	7.85	79	15398	26.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.56%#
47) 2-Hexanone-d5	8.31	63	55502	94.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85457	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	60252	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%

Target Compounds

						Ovalue
3) Chloromethane	1.33	50	12910	7.92	ug/L	99
13) Acetone	2.32	43	33825	48.00	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	4507	3.68	ug/L	98
22) 2-Butanone	4.27	43	11906	12.57	ug/L	100
33) Benzene	5.39	78	17315	3.73	ug/L	100
34) Trichloroethene	6.19	95	1792	1.54	ug/L	92
46) Tetrachloroethene	8.23	164	55027	57.75	ug/L	98

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

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