

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026544.D
 Acq On : 05 Sep 2018 14:32
 Operator : MD/SY
 Sample : J4694-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE38

Quant Time: Sep 06 05:49:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 04:37:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	148775	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60292	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41387	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.80%
7) Chloroethane-d5	1.68	69	38726	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.04%
11) 1,1-Dichloroethene-d2	2.27	63	63499	30.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.18%
21) 2-Butanone-d5	4.18	46	84483	118.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.09%
24) Chloroform-d	4.65	84	88282	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
26) 1,2-Dichloroethane-d4	5.31	65	60354	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
32) Benzene-d6	5.35	84	170185	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.70%
36) 1,2-Dichloropropane-d6	6.33	67	61285	55.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.82%
41) Toluene-d8	7.57	98	151384	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%
43) trans-1,3-Dichloropropene-	7.85	79	16609	32.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.76%
47) 2-Hexanone-d5	8.31	63	61624	121.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88869	54.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	62903	57.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

						Ovalue
3) Chloromethane	1.33	50	3339	2.33	ug/L	93
5) Vinyl chloride	1.40	62	105718	68.08	ug/L	89
13) Acetone	2.32	43	56765	91.63	ug/L	99
14) Carbon disulfide	2.48	76	8328	2.77	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	4144	4.31	ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	206317	191.74	ug/L	99
22) 2-Butanone	4.27	43	7352	8.83	ug/L	98
33) Benzene	5.39	78	12292	3.07	ug/L	100
34) Trichloroethene	6.19	95	36432	36.27	ug/L	98
46) Tetrachloroethene	8.23	164	79818	97.18	ug/L	97

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

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