

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026547.D
 Acq On : 05 Sep 2018 15:42
 Operator : MD/SY
 Sample : J4694-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE39

Quant Time: Sep 06 05:55:49 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	153541	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147256	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63130	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39664	41.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.38%
7) Chloroethane-d5	1.68	69	38323	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.27	63	58204	27.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.34%#
21) 2-Butanone-d5	4.18	46	80133	108.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.53%
24) Chloroform-d	4.65	84	87200	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
26) 1,2-Dichloroethane-d4	5.31	65	60108	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
32) Benzene-d6	5.35	84	170333	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
36) 1,2-Dichloropropane-d6	6.33	67	60864	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.40%
41) Toluene-d8	7.57	98	152964	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%
43) trans-1,3-Dichloropropene-	7.85	79	16961	31.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.72%
47) 2-Hexanone-d5	8.31	63	56971	106.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86312	50.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	62006	54.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.28%

Target Compounds

						Ovalue
5) Vinyl chloride	1.40	62	49678	31.00	ug/L	92
13) Acetone	2.32	43	15196	23.77	ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	7538	7.60	ug/L	94
20) cis-1,2-Dichloroethene	4.23	96	791137	712.41	ug/L	99
33) Benzene	5.39	78	14789	3.50	ug/L	100
34) Trichloroethene	6.19	95	677258	639.57	ug/L	99
46) Tetrachloroethene	8.23	164	210958	243.67	ug/L	98

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

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