

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026744.D
 Acq On : 13 Sep 2018 22:32
 Operator : MD/SY
 Sample : J4893-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08R8

Quant Time: Sep 14 03:46:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 01:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	184491	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168761	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73599	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59684	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.82%
7) Chloroethane-d5	1.68	69	48125	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.88%
11) 1,1-Dichloroethene-d2	2.27	63	83542	33.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.90%
21) 2-Butanone-d5	4.18	46	84295	98.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.53%
24) Chloroform-d	4.65	84	95130	41.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.22%
26) 1,2-Dichloroethane-d4	5.31	65	66100	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
32) Benzene-d6	5.34	84	199247	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
36) 1,2-Dichloropropane-d6	6.33	67	67534	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	7.57	98	178778	43.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.24%
43) trans-1,3-Dichloropropene-	7.85	79	28976	42.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.04%
47) 2-Hexanone-d5	8.31	63	58934	98.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89725	44.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	66984	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	1330	1.365	ug/L	84
33) Benzene	5.39	78	2144	0.454	ug/L	100
51) Chlorobenzene	9.12	112	19241	5.982	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	1802	0.853	ug/L	91
63) 1,4-Dichlorobenzene	11.51	146	16628	7.427	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	42907	19.211	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	17678	12.133	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	2844	1.802	ug/L	98

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

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