

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\
 Data File : VU026860.D
 Acq On : 18 Sep 2018 14:28
 Operator : MD/SY
 Sample : J4896-10 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L6

Quant Time: Sep 19 07:11:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 05:05:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	239583	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	233689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102247	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77079	43.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.98%
7) Chloroethane-d5	1.68	69	71721	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.56%
11) 1,1-Dichloroethene-d2	2.27	63	117270	34.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.94%
21) 2-Butanone-d5	4.18	46	138337	117.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.62%
24) Chloroform-d	4.65	84	156121	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.31	65	106324	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
32) Benzene-d6	5.34	84	320960	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
36) 1,2-Dichloropropane-d6	6.33	67	106271	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.72%
41) Toluene-d8	7.57	98	276972	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%
43) trans-1,3-Dichloropropene-	7.85	79	44431	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.32%
47) 2-Hexanone-d5	8.31	63	94564	114.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	146643	49.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	117450	55.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.67	83	4656	1.393	ug/L	96
33) Benzene	5.39	78	56354	7.778	ug/L	100
51) Chlorobenzene	9.12	112	1882260	378.343	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	29147	9.351	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	183462	53.453	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	397553	115.189	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	38692	18.615	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	9236	4.035	ug/L	98

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

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