

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026765.D
 Acq On : 14 Sep 2018 14:50
 Operator : MD/SY
 Sample : J4893-07DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L5DL

Quant Time: Sep 15 01:51:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 15 00:18:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	161353	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65439	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52057	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.58%
7) Chloroethane-d5	1.68	69	44212	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.26%
11) 1,1-Dichloroethene-d2	2.27	63	74787	34.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.50%
21) 2-Butanone-d5	4.18	46	76952	102.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.84%
24) Chloroform-d	4.65	84	88633	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.66%
26) 1,2-Dichloroethane-d4	5.31	65	61907	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
32) Benzene-d6	5.34	84	184995	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
36) 1,2-Dichloropropane-d6	6.33	67	63364	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.57	98	160430	43.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.58%
43) trans-1,3-Dichloropropene-	7.85	79	26114	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.74%
47) 2-Hexanone-d5	8.31	63	53027	99.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84133	46.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	62434	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.39	78	102535	24.271	ug/L	100
51) Chlorobenzene	9.12	112	152733	53.123	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	3839	2.043	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	57093	28.683	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	46428	23.380	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	4406	3.401	ug/L	97

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

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