

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026946.D
 Acq On : 20 Sep 2018 20:21
 Operator : MD/SY
 Sample : J5012-03 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K5

Quant Time: Sep 21 06:37:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	246947	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230983	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	121708	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90553	49.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.14%
7) Chloroethane-d5	1.66	69	78924	50.48	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.96%
11) 1,1-Dichloroethene-d2	2.26	63	127331	36.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.68%
21) 2-Butanone-d5	4.18	46	148919	122.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.84%
24) Chloroform-d	4.65	84	166911	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	5.31	65	107968	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
32) Benzene-d6	5.34	84	340854	52.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.32%
36) 1,2-Dichloropropane-d6	6.33	67	110028	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.50%
41) Toluene-d8	7.57	98	296142	50.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.28%
43) trans-1,3-Dichloropropene-	7.85	79	48733	52.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.66%
47) 2-Hexanone-d5	8.31	63	111445	135.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.95%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	156884	53.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	141416	55.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.67	83	33326	9.672	ug/L	96
31) Carbon tetrachloride	5.13	117	13566	5.509	ug/L	100
33) Benzene	5.39	78	3043760	425.026	ug/L	100
51) Chlorobenzene	9.12	112	6973846	1418.197	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	240770	64.894	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	2979457	729.285	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	3079613	749.625	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	251305	101.573	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	78895	28.957	ug/L	97

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

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