

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025941.D
 Acq On : 07 Aug 2018 15:38
 Operator : MD/SY
 Sample : J4363-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 A4ZA4

Quant Time: Aug 08 04:45:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 07 12:44:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	383709	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	363152	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	208096	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	108061	50.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.64%
7) Chloroethane-d5	1.68	69	83514	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.74%
11) 1,1-Dichloroethene-d2	2.27	63	155302	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.42%
21) 2-Butanone-d5	4.18	46	151188	103.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.34%
24) Chloroform-d	4.65	84	210534	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
26) 1,2-Dichloroethane-d4	5.31	65	139731	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.86%
32) Benzene-d6	5.35	84	421637	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.34%
36) 1,2-Dichloropropane-d6	6.34	67	131892	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.00%
41) Toluene-d8	7.57	98	397945	51.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.48%
43) trans-1,3-Dichloropropene-	7.85	79	67911	52.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.08%
47) 2-Hexanone-d5	8.31	63	106737	103.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.06%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173491	50.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.64%
64) 1,2-Dichlorobenzene-d4	11.87	152	182374	53.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.10%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	106430	61.45	ug/L	100
22) 2-Butanone	4.27	43	135866	62.75	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	11199	3.24	ug/L #	94
42) Toluene	7.64	91	72928	7.04	ug/L	99
51) Chlorobenzene	9.13	112	8653598	1219.94	ug/L	99
52) Ethylbenzene	9.26	91	18838	1.60	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	610626	98.08	ug/L	98
63) 1,4-Dichlorobenzene	11.52	146	6384644	1006.58	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	6512034	1043.15	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	4286405	1076.57	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	980128	240.27	ug/L	99

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

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