

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025961.D
 Acq On : 08 Aug 2018 00:56
 Operator : MD/SY
 Sample : J4361-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZA1

Quant Time: Aug 09 04:14:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 06:47:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	312916	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	283022	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	125076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80998	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.42%
7) Chloroethane-d5	1.68	69	65324	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.46%
11) 1,1-Dichloroethene-d2	2.27	63	118880	35.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.80%
21) 2-Butanone-d5	4.18	46	128130	107.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.39%
24) Chloroform-d	4.65	84	169992	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
26) 1,2-Dichloroethane-d4	5.31	65	114945	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
32) Benzene-d6	5.35	84	327183	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
36) 1,2-Dichloropropane-d6	6.33	67	104378	53.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.62%
41) Toluene-d8	7.57	98	297101	49.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.16%
43) trans-1,3-Dichloropropene-	7.85	79	47945	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.28%
47) 2-Hexanone-d5	8.31	63	85125	105.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.46%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	141197	52.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	113127	54.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	9.12	112	9130	1.65	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	13075	3.43	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	11050	2.94	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	18213	7.61	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	4660	1.90	ug/L	88

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

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