

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025946.D
 Acq On : 07 Aug 2018 17:45
 Operator : MD/SY
 Sample : J4363-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZA9

Quant Time: Aug 08 05:14:21 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	364797	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	346148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	170945	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	103249	51.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.14%
7) Chloroethane-d5	1.68	69	79117	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.38%
11) 1,1-Dichloroethene-d2	2.27	63	144754	36.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.94%
21) 2-Butanone-d5	4.18	46	152196	109.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.42%
24) Chloroform-d	4.65	84	197567	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
26) 1,2-Dichloroethane-d4	5.32	65	132502	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
32) Benzene-d6	5.35	84	392443	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.86%
36) 1,2-Dichloropropane-d6	6.34	67	124121	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.64%
41) Toluene-d8	7.57	98	369151	49.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.72%
43) trans-1,3-Dichloropropene-	7.85	79	62221	50.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.04%
47) 2-Hexanone-d5	8.31	63	103698	105.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.04%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169779	51.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	153090	54.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.42%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	9.12	112	41849	6.19	ug/L	95
62) 1,3-Dichlorobenzene	11.42	146	10528	2.06	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	104115	19.98	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	95983	18.72	ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	379674	116.08	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	106237	31.70	ug/L	100

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

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