

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025963.D
 Acq On : 08 Aug 2018 01:45
 Operator : MD/SY
 Sample : J4361-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZA3

Quant Time: Aug 08 07:12:10 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	303515	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	279144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119042	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82426	49.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.02%
7) Chloroethane-d5	1.68	69	65127	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.26%
11) 1,1-Dichloroethene-d2	2.27	63	120892	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	4.18	46	129504	111.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.90%
24) Chloroform-d	4.65	84	169207	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.94%
26) 1,2-Dichloroethane-d4	5.31	65	115130	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.14%
32) Benzene-d6	5.35	84	328008	53.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.62%
36) 1,2-Dichloropropane-d6	6.34	67	105396	55.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.18%
41) Toluene-d8	7.57	98	300868	50.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.85	79	48036	47.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.78%
47) 2-Hexanone-d5	8.31	63	86004	108.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.03%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	139915	52.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	113365	57.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.30%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	9.12	112	15331	2.81	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	22537	6.21	ug/L	95
65) 1,2-Dichlorobenzene	11.89	146	19033	5.33	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	25265	11.09	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	6922	2.97	ug/L	97

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

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