

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025960.D
 Acq On : 08 Aug 2018 00:31
 Operator : MD/SY
 Sample : J4361-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZD0

Quant Time: Aug 08 11:18:48 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	323141	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	302579	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148966	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81433	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.96%
7) Chloroethane-d5	1.68	69	65941	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.27	63	120193	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	4.18	46	132808	107.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.79%
24) Chloroform-d	4.65	84	171484	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
26) 1,2-Dichloroethane-d4	5.31	65	117156	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
32) Benzene-d6	5.35	84	336492	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
36) 1,2-Dichloropropane-d6	6.34	67	106529	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.74%
41) Toluene-d8	7.57	98	307350	47.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.98%
43) trans-1,3-Dichloropropene-	7.85	79	49615	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.26%
47) 2-Hexanone-d5	8.31	63	89963	104.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.25%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	147625	51.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	129074	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	111377	76.36	ug/L	100
22) 2-Butanone	4.27	43	71043	38.96	ug/L	99
42) Toluene	7.64	91	59145	6.85	ug/L	100
46) Tetrachloroethene	8.23	164	3082	1.63	ug/L	94
51) Chlorobenzene	9.12	112	1700322	287.69	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	96169	21.58	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	685147	150.89	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	788851	176.52	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	355541	124.74	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	81742	27.99	ug/L	100

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

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