

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026072.D
 Acq On : 13 Aug 2018 17:03
 Operator : MD/SY
 Sample : J4402-05 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZH2

Quant Time: Aug 14 02:25:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 02:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	282930	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	266398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	127272	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92503	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.46%
7) Chloroethane-d5	1.67	69	78347	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.56%
11) 1,1-Dichloroethene-d2	2.27	63	142334	36.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.44%
21) 2-Butanone-d5	4.18	46	142855	82.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.88%
24) Chloroform-d	4.65	84	204101	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	5.31	65	138399	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
32) Benzene-d6	5.34	84	394756	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
36) 1,2-Dichloropropane-d6	6.33	67	127025	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.57	98	363368	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%
43) trans-1,3-Dichloropropene-	7.85	79	62123	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.14%
47) 2-Hexanone-d5	8.31	63	101720	83.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.67%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173097	44.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	154841	49.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	8390	7.84	ug/L	97
51) Chlorobenzene	9.12	112	271966	50.08	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	38776	9.79	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	191456	46.09	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	183551	43.52	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	256887	102.58	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	59163	21.98	ug/L	100

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

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