

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081418\
 Data File : VU026120.D
 Acq On : 14 Aug 2018 23:34
 Operator : MD/SY
 Sample : J4402-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZH7

Quant Time: Aug 16 02:05:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 01:50:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	251907	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	238880	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	101219	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61495	33.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.80%
7) Chloroethane-d5	1.68	69	55779	38.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.42%
11) 1,1-Dichloroethene-d2	2.27	63	94342	26.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.92%#
21) 2-Butanone-d5	4.18	46	131066	85.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.40%
24) Chloroform-d	4.65	84	164498	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.26%
26) 1,2-Dichloroethane-d4	5.31	65	112214	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.08%
32) Benzene-d6	5.35	84	300968	40.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.14%
36) 1,2-Dichloropropane-d6	6.33	67	103773	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.48%
41) Toluene-d8	7.57	98	262853	37.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.08%#
43) trans-1,3-Dichloropropene-	7.85	79	46799	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
47) 2-Hexanone-d5	8.31	63	88533	81.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.21%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	151197	43.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	110023	44.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.18%

Target Compounds						Ovalue
51) Chlorobenzene	9.12	112	40957	8.41	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	4583	1.45	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	14444	4.37	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	7062	2.11	ug/L #	89

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

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