

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026020.D
 Acq On : 10 Aug 2018 01:18
 Operator : MD/SY
 Sample : J4401-04DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE2DL

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 4:08:58 PM

Quant Time: Aug 10 08:15:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 07:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287276	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	125356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75535	35.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.94%
7) Chloroethane-d5	1.65	69	69118	41.52	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.04%
11) 1,1-Dichloroethene-d2	2.27	63	114583	28.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.44%#
21) 2-Butanone-d5	4.18	46	153618	87.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.77%
24) Chloroform-d	4.65	84	187427	42.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.18%
26) 1,2-Dichloroethane-d4	5.31	65	131534	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
32) Benzene-d6	5.34	84	360200	43.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.33	67	117174	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.46%
41) Toluene-d8	7.57	98	321282	40.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.18%
43) trans-1,3-Dichloropropene-	7.85	79	54732	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.16%
47) 2-Hexanone-d5	8.31	63	113614	92.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	179226	45.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	136801	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%

Target Compounds

					Ovalue
13) Acetone	2.32	43	9902	9.11 ug/L	96
22) 2-Butanone	4.28	43	5525m	3.51 ug/L	
51) Chlorobenzene	9.12	112	172941	31.45 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	7908	2.03 ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	61020	14.92 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	70878	17.06 ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	23536	9.54 ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	5277	1.99 ug/L	95

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

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