

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081018\
 Data File : VU026042.D
 Acq On : 10 Aug 2018 14:42
 Operator : MD/SY
 Sample : J4401-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZF3

Quant Time: Aug 11 01:53:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	283164	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122773	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70474	34.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.10%
7) Chloroethane-d5	1.68	69	68206	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.12%
11) 1,1-Dichloroethene-d2	2.27	63	113302	28.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.62%#
21) 2-Butanone-d5	4.18	46	174801	101.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.33%
24) Chloroform-d	4.65	84	200056	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	5.31	65	140553	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
32) Benzene-d6	5.35	84	373899	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
36) 1,2-Dichloropropane-d6	6.33	67	129905	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.12%
41) Toluene-d8	7.57	98	337641	42.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.50%
43) trans-1,3-Dichloropropene-	7.85	79	60863	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.38%
47) 2-Hexanone-d5	8.31	63	124108	101.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.09%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192892	48.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	148394	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	81558	76.11	ug/L	100
22) 2-Butanone	4.27	43	45146	29.12	ug/L	97
42) Toluene	7.64	91	90229	11.09	ug/L	100
51) Chlorobenzene	9.12	112	216415	39.46	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	8310	2.17	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	65708	16.40	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	86671	21.30	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	61903	25.63	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	25352	9.76	ug/L	96

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

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