

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026433.D
 Acq On : 29 Aug 2018 19:47
 Operator : MD/SY
 Sample : J4691-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 03:54:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 02:20:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155970	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	182896	50.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.49	152	96600	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42622	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.22%
7) Chloroethane-d5	1.68	69	39448	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.27	63	69305	31.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.70%
21) 2-Butanone-d5	4.18	46	69988	93.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.31%
24) Chloroform-d	4.65	84	81153	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.92%
26) 1,2-Dichloroethane-d4	5.31	65	54805	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
32) Benzene-d6	5.34	84	166185	39.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.84%
36) 1,2-Dichloropropane-d6	6.34	67	56491	39.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.02%
41) Toluene-d8	7.58	98	168946	41.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.04%
43) trans-1,3-Dichloropropene-	7.85	79	26612	40.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.48%
47) 2-Hexanone-d5	8.37	63	21483m	32.35	ug/L	0.06
Spiked Amount	100.000	Range	45 - 130	Recovery	=	32.35%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	92327	43.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	80882	46.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.30%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	6164	3.786 ug/L	# 71
13) Acetone	2.32	43	5782	8.903 ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	6945	6.897 ug/L	92
20) cis-1,2-Dichloroethene	4.23	96	378594	335.608 ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	2438	1.211 ug/L	96
34) Trichloroethene	6.20	95	6391328	4859.560 ug/L	99
46) Tetrachloroethene	8.25	164	90399792m	84070.402 ug/L	
51) Chlorobenzene	9.13	112	4990	1.364 ug/L	94
52) Ethylbenzene	9.26	91	7945	1.335 ug/L	98
53) m,p-Xylene	9.38	106	11860	5.338 ug/L	90
54) o-xylene	9.79	106	7305	3.371 ug/L	95
56) Isopropylbenzene	10.17	105	7738	1.364 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	19854	6.659 ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	3062	1.342 ug/L	94
68) 1,2,4-trichlorobenzene	13.51	180	3582	1.798 ug/L	98

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

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