

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026939.D
 Acq On : 20 Sep 2018 15:25
 Operator : MD/SY
 Sample : J4893-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K8

Manual Integrations
 APPROVED

sam
 9/21/2018 6:25:43 PM

Quant Time: Sep 21 15:34:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	291602	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	285638	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.50	152	180894	50.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76297	35.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.74%
7) Chloroethane-d5	1.68	69	63816	34.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.12%#
11) 1,1-Dichloroethene-d2	2.27	63	105920	25.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.90%#
21) 2-Butanone-d5	4.18	46	108476	75.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.78%
24) Chloroform-d	4.65	84	133368	33.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.66%#
26) 1,2-Dichloroethane-d4	5.31	65	84804	33.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.32%#
32) Benzene-d6	5.35	84	276503	34.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.08%#
36) 1,2-Dichloropropane-d6	6.33	67	86300	33.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.92%#
41) Toluene-d8	7.57	98	244602	33.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.64%#
43) trans-1,3-Dichloropropene-	7.85	79	39178	34.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.04%
47) 2-Hexanone-d5	8.31	63	78859	77.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.79%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119020	33.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	66.18%
64) 1,2-Dichlorobenzene-d4	11.89	152	134285	35.68	ug/L	0.03
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.36%#

Target Compounds

					Ovalue
13) Acetone	2.32	43	5388	3.829	ug/L 98
25) Chloroform	4.67	83	28345	6.967	ug/L 99
29) Cyclohexane	5.00	56	3679	1.109	ug/L # 91
31) Carbon tetrachloride	5.14	117	21385	7.023	ug/L 97
33) Benzene	5.40	78	13134944	1483.191	ug/L 100
35) Methylcyclohexane	6.42	83	2853	0.824	ug/L # 76
46) Tetrachloroethene	8.23	164	1457	0.773	ug/L 95
51) Chlorobenzene	9.12	112	18885833m	3105.735	ug/L
62) 1,3-Dichlorobenzene	11.42	146	3168568	574.590	ug/L 99
63) 1,4-Dichlorobenzene	11.52	146	21908447m	3608.002	ug/L
65) 1,2-Dichlorobenzene	11.89	146	31795087m	5207.187	ug/L
68) 1,2,4-trichlorobenzene	13.51	180	5383872	1464.084	ug/L 99
70) 1,2,3-Trichlorobenzene	13.99	180	1237682	305.637	ug/L 99

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

