

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081418\
 Data File : VU026095.D
 Acq On : 14 Aug 2018 11:51
 Operator : MD/SY
 Sample : J4451-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZL2

Quant Time: Aug 16 09:05:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 02:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	204395	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	197052	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	102619	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66032	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.40%
7) Chloroethane-d5	1.66	69	59328	50.09	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.18%
11) 1,1-Dichloroethene-d2	2.27	63	102162	35.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.98%
21) 2-Butanone-d5	4.18	46	122534	98.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	4.65	84	170833	53.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.84%
26) 1,2-Dichloroethane-d4	5.31	65	109719	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
32) Benzene-d6	5.34	84	307743	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
36) 1,2-Dichloropropane-d6	6.33	67	101203	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.22%
41) Toluene-d8	7.57	98	295889	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%
43) trans-1,3-Dichloropropene-	7.85	79	50515	50.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.28%
47) 2-Hexanone-d5	8.31	63	85900	95.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.52%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	151392	52.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	126864	50.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.30%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	27316	15.34	ug/L	98
3) Chloromethane	1.33	50	77642	48.59	ug/L	98
6) Bromomethane	1.61	94	8751	10.61	ug/L	94
9) Trichlorofluoromethane	1.88	101	87572	39.70	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	49789	38.80	ug/L	98
14) Carbon disulfide	2.47	76	148874	38.35	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	100049	76.09	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	671511	155.41	ug/L	99
25) Chloroform	4.67	83	163382	61.52	ug/L	100
27) 1,2-Dichloroethane	5.41	62	129614	59.09	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	71904	28.92	ug/L	99
31) Carbon tetrachloride	5.14	117	154484	68.04	ug/L	99
34) Trichloroethene	6.19	95	2734	1.86	ug/L	85
35) Methylcyclohexane	6.42	83	87016	38.87	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	105564	45.36	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	225375	106.81	ug/L	100
42) Toluene	7.64	91	453831	76.18	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.07	97	58156	39.72	ug/L	96
49) Dibromochloromethane	8.48	129	108144	61.25	ug/L	100
50) 1,2-Dibromoethane	8.59	107	93893	58.88	ug/L	98
53) m,p-Xylene	9.38	106	125093	50.22	ug/L	98
55) Styrene	9.80	104	163110	39.63	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.46	83	86693	34.84	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	140646	42.00	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	23979	40.18	ug/L	95
70) 1,2,3-Trichlorobenzene	13.99	180	129498	59.67	ug/L	99

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

