

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025987.D
 Acq On : 09 Aug 2018 11:24
 Operator : MD/SY
 Sample : J4361-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZD5

Quant Time: Aug 10 11:09:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:14:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	310129	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	292856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106665	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.10%
7) Chloroethane-d5	1.66	69	87976	48.95	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.90%
11) 1,1-Dichloroethene-d2	2.27	63	154590	35.89	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.78%
21) 2-Butanone-d5	4.18	46	176090	93.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.20%
24) Chloroform-d	4.65	84	234580	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	155796	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
32) Benzene-d6	5.34	84	448464	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.33	67	142392	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.78%
41) Toluene-d8	7.57	98	430662	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.85	79	74234	50.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.14%
47) 2-Hexanone-d5	8.31	63	133196	99.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.66%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	211802	49.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	182424	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	27324	10.11	ug/L	100
3) Chloromethane	1.33	50	75933	31.32	ug/L	97
6) Bromomethane	1.60	94	9354	7.48	ug/L	97
9) Trichlorofluoromethane	1.88	101	84954	25.38	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	48383	24.85	ug/L	97
14) Carbon disulfide	2.47	76	136276	23.13	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	95094	47.67	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	659985	100.66	ug/L	99
25) Chloroform	4.67	83	157917	39.19	ug/L	99
27) 1,2-Dichloroethane	5.41	62	127519	38.32	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	69254	18.74	ug/L	99
31) Carbon tetrachloride	5.14	117	137461	40.74	ug/L	99
35) Methylcyclohexane	6.42	83	83198	25.00	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	102757	29.71	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	204096	65.08	ug/L	98
42) Toluene	7.64	91	434485	49.07	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	58259	26.77	ug/L	97

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49) Dibromochloromethane	8.48	129	91063	34.71	ug/L	97
50) 1,2-Dibromoethane	8.59	107	91764	38.72	ug/L	99
53) m,p-Xylene	9.38	106	121010	32.69	ug/L	97
55) Styrene	9.80	104	147996	24.19	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.46	83	88152	23.84	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	136083	28.25	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	24410	28.44	ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	136573	43.76	ug/L	98

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

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