

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026767.D
 Acq On : 14 Sep 2018 15:36
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05044

Quant Time: Sep 15 00:20:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 15 00:18:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	174862	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168277	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82623	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59447	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.24%
7) Chloroethane-d5	1.68	69	49261	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.82%
11) 1,1-Dichloroethene-d2	2.27	63	115548	49.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.10%
21) 2-Butanone-d5	4.18	46	83375	102.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	4.65	84	102082	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
26) 1,2-Dichloroethane-d4	5.31	65	67155	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
32) Benzene-d6	5.34	84	206942	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
36) 1,2-Dichloropropane-d6	6.33	67	70112	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.57	98	192258	47.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.10%
43) trans-1,3-Dichloropropene-	7.85	79	30926	45.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.02%
47) 2-Hexanone-d5	8.31	63	60252	101.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96267	48.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	75514	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	58377	53.036	ug/L 99
3) Chloromethane	1.33	50	77348	53.457	ug/L 98
5) Vinyl chloride	1.40	62	80475	53.826	ug/L 99
6) Bromomethane	1.62	94	42632	48.931	ug/L 95
8) Chloroethane	1.70	64	49469	53.350	ug/L 98
9) Trichlorofluoromethane	1.88	101	103721	55.016	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	59991	55.876	ug/L 99
12) 1,1-Dichloroethene	2.28	96	56127	54.436	ug/L 93
13) Acetone	2.32	43	71234	77.128	ug/L 99
14) Carbon disulfide	2.48	76	170697	50.973	ug/L 99
15) Methyl Acetate	2.62	43	78646	59.689	ug/L 98
16) Methylene chloride	2.70	84	68229	56.072	ug/L 96
17) trans-1,2-Dichloroethene	2.98	96	59121	54.115	ug/L 97
18) Methyl tert-butyl Ether	3.00	73	195279	58.008	ug/L 100
19) 1,1-Dichloroethane	3.45	63	123356	58.220	ug/L 100
20) cis-1,2-Dichloroethene	4.23	96	69352	56.358	ug/L 99
22) 2-Butanone	4.26	43	110047	104.066	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	35618	56.591	ug/L	98
25) Chloroform	4.67	83	125246	58.811	ug/L	98
27) 1,2-Dichloroethane	5.41	62	96632	57.143	ug/L	100
29) Cyclohexane	5.00	56	103494	56.147	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	102076	57.260	ug/L	99
31) Carbon tetrachloride	5.14	117	90031	55.873	ug/L	100
33) Benzene	5.39	78	269122	57.110	ug/L	100
34) Trichloroethene	6.19	95	64122	54.746	ug/L	99
35) Methylcyclohexane	6.42	83	103580	55.247	ug/L	99
37) 1,2-Dichloropropane	6.43	63	76959	58.459	ug/L	100
38) Bromodichloromethane	6.76	83	92940	57.608	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	107442	55.154	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	208397	124.100	ug/L	99
42) Toluene	7.64	91	279159	57.155	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	100478	55.443	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	68048	58.274	ug/L	98
46) Tetrachloroethene	8.23	164	53193	54.037	ug/L	99
48) 2-Hexanone	8.36	43	163261	115.153	ug/L	100
49) Dibromochloromethane	8.48	129	75554	55.977	ug/L	99
50) 1,2-Dibromoethane	8.59	107	70871	56.734	ug/L	99
51) Chlorobenzene	9.12	112	180293	56.219	ug/L	99
52) Ethylbenzene	9.25	91	300581	56.904	ug/L	99
53) m,p-Xylene	9.38	106	113714	57.094	ug/L	99
54) o-xylene	9.78	106	114272	57.809	ug/L	99
55) Styrene	9.79	104	194649	58.213	ug/L	99
56) Isopropylbenzene	10.17	105	291477	57.885	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	116765	57.720	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	90746	58.259	ug/L	100
61) Bromoform	9.96	173	57744	56.734	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	132798	55.977	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	137701	54.791	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	146104	58.271	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	24471	60.412	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	103367	54.930	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	88851	54.323	ug/L	99
69) Naphthalene	13.75	128	297972	59.452	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	99982	56.433	ug/L	99

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

