

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121018\
 Data File : VU028540.D
 Acq On : 10 Dec 2018 09:42
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05041

Quant Time: Dec 11 02:47:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:59:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	146259	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	140388	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63939	46.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.62%
7) Chloroethane-d5	1.68	69	50157	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.28	63	114397	47.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.00%
21) 2-Butanone-d5	4.17	46	121961	111.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.18%
24) Chloroform-d	4.65	84	111335	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.31	65	73835	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
32) Benzene-d6	5.34	84	226863	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
36) 1,2-Dichloropropane-d6	6.33	67	82826	52.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.08%
41) Toluene-d8	7.57	98	200908	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.85	79	38666	53.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.26%
47) 2-Hexanone-d5	8.31	63	86361	113.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112547	54.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	74455	53.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.54%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	58411	47.951 ug/L	98
3) Chloromethane	1.33	50	89773	47.928 ug/L	97
5) Vinyl chloride	1.40	62	77479	47.790 ug/L	98
6) Bromomethane	1.63	94	26452	54.360 ug/L	94
8) Chloroethane	1.70	64	44343	47.729 ug/L	98
9) Trichlorofluoromethane	1.89	101	83808	49.504 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	50211	49.385 ug/L	98
12) 1,1-Dichloroethene	2.29	96	46904	48.681 ug/L	89
13) Acetone	2.32	43	125916	102.671 ug/L	99
14) Carbon disulfide	2.48	76	171159	47.886 ug/L	99
15) Methyl Acetate	2.62	43	87890	51.424 ug/L	98
16) Methylene chloride	2.70	84	62776	49.836 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	55540	49.714 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	191921	50.995 ug/L	99
19) 1,1-Dichloroethane	3.45	63	119164	50.317 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	64323	50.765 ug/L	100
22) 2-Butanone	4.26	43	150872	104.207 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	28596	50.542	ug/L	96
25) Chloroform	4.67	83	109826	50.358	ug/L	99
27) 1,2-Dichloroethane	5.40	62	90057	49.958	ug/L	99
29) Cyclohexane	5.00	56	114090	49.105	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	87652	50.292	ug/L	100
31) Carbon tetrachloride	5.13	117	71040	50.382	ug/L	99
33) Benzene	5.39	78	252978	50.518	ug/L	100
34) Trichloroethene	6.18	95	60359	49.625	ug/L	97
35) Methylcyclohexane	6.41	83	104190	50.809	ug/L	99
37) 1,2-Dichloropropane	6.43	63	75334	50.324	ug/L	100
38) Bromodichloromethane	6.76	83	83407	50.664	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	109659	51.614	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	240128	105.341	ug/L	100
42) Toluene	7.64	91	258366	50.787	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	100144	51.103	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	60358	51.454	ug/L	99
46) Tetrachloroethene	8.22	164	43779	50.868	ug/L	97
48) 2-Hexanone	8.36	43	205280	106.426	ug/L	99
49) Dibromochloromethane	8.48	129	61247	51.614	ug/L	97
50) 1,2-Dibromoethane	8.58	107	63306	51.458	ug/L	98
51) Chlorobenzene	9.12	112	155792	50.835	ug/L	99
52) Ethylbenzene	9.25	91	285524	50.698	ug/L	100
53) m,p-Xylene	9.37	106	105423	51.709	ug/L	98
54) o-xylene	9.78	106	101842	50.871	ug/L	97
55) Styrene	9.79	104	174726	51.402	ug/L	100
56) Isopropylbenzene	10.16	105	267335	51.229	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	111141	51.584	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	88276	52.190	ug/L	99
61) Bromoform	9.96	173	46438	52.678	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	120859	51.404	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	123715	51.997	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	120859	51.448	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	24133	52.177	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	92141	53.964	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	86784	54.188	ug/L	99
69) Naphthalene	13.74	128	292586	55.043	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	87639	54.782	ug/L	99

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

