

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038365.D
 Acq On : 28 May 2020 22:31
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05038

Quant Time: May 29 04:35:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	589644	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	581264	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	289571	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	174533	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.30%
7) Chloroethane-d5	1.93	69	141066	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.66%
11) 1,1-Dichloroethene-d2	2.59	63	365445	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.60%
21) 2-Butanone-d5	4.66	46	373919	106.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.32%
24) Chloroform-d	5.10	84	369755	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
26) 1,2-Dichloroethane-d4	5.74	65	243636	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
32) Benzene-d6	5.76	84	733541	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
36) 1,2-Dichloropropane-d6	6.72	67	227769	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.30%
41) Toluene-d8	7.92	98	654389	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%
43) trans-1,3-Dichloropropene-	8.20	79	111557	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.72%
47) 2-Hexanone-d5	8.65	63	264609	107.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.35%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	347860	50.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	263386	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	224746	50.64	ug/L	100
3) Chloromethane	1.53	50	216642	52.96	ug/L	99
5) Vinyl chloride	1.62	62	233389	51.65	ug/L	100
6) Bromomethane	1.87	94	110278	59.65	ug/L	97
8) Chloroethane	1.95	64	143719	52.05	ug/L	98
9) Trichlorofluoromethane	2.16	101	318531	52.60	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	178917	49.41	ug/L	99
12) 1,1-Dichloroethene	2.60	96	183930	51.45	ug/L	90
13) Acetone	2.66	43	253027	86.59	ug/L	97
14) Carbon disulfide	2.82	76	582612	49.97	ug/L	100
15) Methyl Acetate	2.98	43	281489	53.74	ug/L	99
16) Methylene chloride	3.08	84	213042	51.86	ug/L	97
17) trans-1,2-Dichloroethene	3.39	96	201152	52.38	ug/L	98
18) Methyl tert-butyl Ether	3.40	73	662848	53.83	ug/L	100
19) 1,1-Dichloroethane	3.91	63	382173	52.55	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	223587	53.15	ug/L	98
22) 2-Butanone	4.74	43	424218	103.54	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	109754	52.70	ug/L	99
25) Chloroform	5.13	83	387072	51.76	ug/L	100
27) 1,2-Dichloroethane	5.83	62	319290	52.73	ug/L	99
29) Cyclohexane	5.42	56	333653	50.06	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	335111	53.02	ug/L	99
31) Carbon tetrachloride	5.56	117	274185	52.05	ug/L	100
33) Benzene	5.81	78	863045	52.87	ug/L	100
34) Trichloroethene	6.57	95	215289	51.54	ug/L	99
35) Methylcyclohexane	6.79	83	311385	47.48	ug/L	100
37) 1,2-Dichloropropane	6.82	63	221453	52.30	ug/L	100
38) Bromodichloromethane	7.13	83	290308	53.51	ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	343473	50.98	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	736780	109.42	ug/L	100
42) Toluene	7.99	91	902882	52.68	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	329850	52.30	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	215933	53.74	ug/L	98
46) Tetrachloroethene	8.57	164	150262	49.21	ug/L	98
48) 2-Hexanone	8.71	43	618871	108.86	ug/L	100
49) Dibromochloromethane	8.83	129	216164	53.14	ug/L	97
50) 1,2-Dibromoethane	8.94	107	230372	53.34	ug/L	100
51) Chlorobenzene	9.47	112	569585	51.71	ug/L	100
52) Ethylbenzene	9.59	91	1001104	52.13	ug/L	99
53) m,p-Xylene	9.71	106	387459	52.76	ug/L	100
54) o-xylene	10.11	106	376331	52.71	ug/L	99
55) Styrene	10.13	104	656217	53.47	ug/L	99
56) Isopropylbenzene	10.50	105	962710	51.59	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	366387	53.29	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	316143	53.40	ug/L	99
61) Bromoform	10.31	173	154292	53.04	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	436118	51.52	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	437998	50.90	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	436163	51.96	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	93320	54.30	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	307888	51.11	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	299756	51.88	ug/L	99
69) Naphthalene	14.11	128	1169587	56.53	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	309010	53.53	ug/L	99

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

